

**Faculty Senate
Executive Committee**
Tuesday, December 8, 2009
1:30 – 3:30 p.m. – Adelbert Hall, Room 352

AGENDA

1:30pm	Approval of Minutes from the November 5, 2009 Executive Committee meeting, <i>attachment</i>	C. Musil
	President's Announcements	B. Snyder
1:35pm	Provost's Announcements	B. Baeslack
	Chair's Announcements	C. Musil
1:40pm	Report from the Committee on Women Faculty	B. Kaufman
1:50pm	Senate Consideration of Changes in Academic Policies <i>attachment</i>	L. Parker, D. Feke G. Wnek, C. Rozek
2:10pm	Report from the Committee on Undergraduate Education <i>attachment</i>	L. Parker
2:20pm	Changes to Academic Standing Policies <i>attachment</i>	J. Wolcowitz
2:35pm	Report from the Committee on Faculty Personnel	J. Kazura
2:45pm	Report from the Committee on Minority Affairs	F. Gary
2:55pm	Resolution to approve an <i>ad hoc</i> Committee on Raising the Importance of Academic Advising in the Faculty Handbook, <i>attachment</i>	C. Musil
3:05pm	Approval of Honorary Degrees <i>attachment</i>	C. Musil
3:15pm	New Business	
3:20pm	Approval of Draft Agenda for the December 21, 2009 Faculty Senate meeting <i>attachment</i>	C. Musil



Faculty Senate Executive Committee
Minutes of the December 8, 2009 meeting
Adelbert Hall, Room 352

Committee Members in Attendance

Bud Baeslack	Ken Loparo	Barbara Snyder
Cynthia Beall	Diana Morris	Glenn Starkman
Alan Levine	Carol Musil	Liz Woyczynski
Ken Ledford	Roy Ritzmann	

Committee Members Absent

Katy Mercer
Terry Wolpaw

Others Present

Don Feke	Betsy Kaufman	Gary Wnek
Faye Gary	Larry Parker	Jeff Wolcowitz
Julia Grant	Chuck Rozek	

Call to Order and approval of minutes

Professor Carol Musil, chair, Faculty Senate, called the meeting to order at 1:30 p.m. There being no corrections offered, the minutes of the November 5, 2009 meeting of the Faculty Senate Executive Committee were accepted with minor edits.

Provost's announcements

Provost Bud Baeslack and the committee are evaluating the proposals for the strategic research alliances; he will announce which proposals will be funded in January. The Budget System Review Committee has been prepped about the intricacies of the university budget; they are meeting with each of the deans.

Chair's announcements

Prof. Carol Musil met with Ms. Carolyn Gregory, vice president for human resources, and Provost Baeslack to clarify the remaining questions about the Faculty Parental Leave policy. This new policy will make it easier for deans and department chairs to arrange faculty parental leaves fairly and consistently. There is still room for flexibility; for instance, when faculty parental leave overlaps two semesters there may be a need for slightly different arrangements. Prof. Musil represented the Faculty Senate at a retreat for the Graduate Student Senate. She said that Prof. Stan Gerson, who recently received approval for the CTORSP certificate from the Faculty Senate, incorporated the feedback from the Senate.

Report from the Committee on Women Faculty

Prof. Betsy Kaufman, chair, Faculty Senate Committee on Women Faculty met with the committee in September. The committee would like to issue a public statement to recognize the administration's partnership with faculty in bringing about funding for childcare while traveling on university business and the referral service for emergency childcare. A statement will go in *Case Daily* shortly. Even though the option for part-time tenure

would be of interest to a small number of faculty, the Executive Committee discussed the importance of having this benefit available as an option. This may be an issue that the Committee on Women Faculty and/or the Committee on Faculty Personnel will review going forward; President Snyder and Provost Baeslack expressed their support for considering this option. There was some discussion about the lack of women in leadership positions, except for the dean, at the Medical School.

Senate Consideration of Changes in Academic Policies

There was discussion about which changes in academic policies are presented to the Faculty Senate for review. Chuck Rozek, dean of graduate studies, who serves as an *ex officio* member of the Committee on Graduate Studies, said that the committee forwards all items that are addressed in the General Bulletin, i.e., GPA, minimum credits required in degree programs, etc. Policies that affect all graduate degree programs, rather than one particular degree program, are sent to the Faculty Senate for further review. Changes to undergraduate programs of study are forwarded when they affect the requirements for a BA or BS degree, not a particular major, and any changes in undergraduate policies that affect more than one school are forwarded to the Faculty Senate for review. The academic policies at the professional schools are reviewed by their separate accrediting bodies; but when the professional schools have new degree programs, they are submitted through the School of Graduate Studies for review by the Committee on Graduate Studies before being submitted to the Board of Trustees and the Ohio Board of Regents for approval. The Committee on Graduate Studies has faculty representatives from the professional schools. Interdisciplinary programs of study are increasing in number; if professional schools implement programs that cross school boundaries, these policies would be reviewed by the Committee on Graduate Studies and the Faculty Senate.

Report from the Committee on Undergraduate Education

Prof. Larry Parker, a FSCUE representative from Weatherhead, reported that the Faculty Senate Committee on Undergraduate Education (FSCUE) decided to form an admissions subcommittee to handle policy matters and make select admission decisions and merit scholarship awards. Important policy decisions might be considered first by this subcommittee but would then be taken up by the FSCUE. A proposal for the membership and leadership of the subcommittee will be developed for review at the Dec. 16 FSCUE meeting. The FSCUE discussed retention of students transferring to other schools. The *ad hoc* Retention Task Force did considerable work on this topic and made a set of recommendations; their report was issued in May 2008 but it's not clear that their recommendations are being implemented. The FSCUE will review this report and discuss steps we might take to insure action is taken on recommendations for which FSCUE assistance might be helpful. The FSCUE will meet on December 16 for 3 hours, to clear the standing agenda of various items of new and old business.

Changes to Academic Standing Policies

Dean Jeff Wolcowitz, Undergraduate Studies, introduced the proposed changes to the academic standing policies. He said the impetus for change was to neither raise nor lower the bar but to address anomalies in the policies and create processes that are both quick and forgiving. There was some concern expressed about raising the minimum GPA for first year students from 1.75 to 2.0. Dean Wolcowitz pointed out that first year students who achieve only a 1.75 have to get significantly better grades than a 2.0 the following year in order to meet the required minimum 2.0 GPA for second year students. A 2.0 is required for graduation; a GPA of less than 3.0 places a student in the bottom 20% of the class. Raising the bar to 2.0 will prompt outreach efforts from Undergraduate Studies for any student with less than a 2.0. Students eligible for academic separation get a hearing and write a letter to inform the Academic Standing Board of any contributing circumstances; academic separation is never automatic. Another proposed change to the academic standing policies allows students to come off academic probation sooner; their most recent semester's academic work will make them eligible to come off academic probation. The Executive Committee asked that the resolution be amended to grandparent

in all current students by applying the more generous of the current and new regulations starting Fall 2010. The Executive Committee also seeks the input of Undergraduate Student Government (USG) and the undergraduate representative to the Faculty Senate. Liz Woyczynski, secretary of the University Faculty and Dean Wolcowitz will contact Shengbo Wang and Duwain Pinder before the proposed changes are reviewed at the December 21 meeting of the Faculty Senate. Upon motion, duly seconded, the Executive Committee approved the proposed changes in the academic standing policies for further review by the Faculty Senate.

Report from the Committee on Faculty Personnel

Prof. James Kazura, chair, Committee on Faculty Personnel, inquired about the status of conflict of interest policy. President Barbara Snyder said the Medical Student Association gave the policy a failing grade due to a misunderstanding about the context of the university's partnerships with affiliated hospitals; perhaps the committee could address the issue. Prof. Kazura noted that the committee would be meeting with the new faculty diversity officer shortly. He will inquire about getting a copy of the newest COACHE surveys shortly. There was some discussion about improving the paid and unpaid faculty mentoring. There may be some benefit to examining how faculty mentoring is built into the annual evaluations of faculty and its importance in the Faculty Handbook.

Report from the Committee on Minority Affairs

Prof. Faye Gary, chair, Committee on Minority Affairs, said that her committee has met twice so far this year. She noted the Minority Affairs Committee and the Faculty Personnel Committee have common concerns. Prof. Gary thanked President Snyder for creating the new vice president for diversity position even in times of economic hardship. She met with Prof. Sana Loue, former chair of the Committee on Minority Affairs, and reviewed her committee's proposed changes to the Faculty Handbook. The current committee seeks a more collective and collaborative way to address and support faculty diversity issues. Prof. Gary has called a joint meeting of the President's Advisory Committee on Women, the Faculty Senate Committee on Women, the President's Advisory Committee on Minorities, the Faculty Senate Committee on Minority Affairs, the Lesbian, Gay, Bi-sexual and Transgender Coalition, and the Diversity Leadership Group with the president and the provost in January. The meeting will be an opportunity for the different groups to talk about common agendas and ways that they might be able to partner in the future.

ad hoc Committee on Raising the Importance of Academic Advising

Prof. Musil introduced a resolution to create an *ad hoc* committee to raise the importance of academic advising in the Faculty Handbook as was discussed at the November Executive Committee meeting. It was asked that this resolution be posted to the faculty senate website. The *ad hoc* committee should make note, before proposing any amendments to the Faculty Handbook, that undergraduate academic advising and graduate academic advising are distinct. Some edits were made to the committee's charge, and upon motion, duly seconded, the amended resolution was approved.

**RESOLUTION TO APPROVE THE CHARGE TO
THE FACULTY SENATE AD HOC COMMITTEE ON
RAISING THE IMPORTANCE OF FACULTY-CENTRIC ACADEMIC ADVISING**

Whereas, the Undergraduate Advising Review Committee (UARC) was established as part of the Strategic Plan implementation process in early 2009, and

Whereas, the charge to the group was to evaluate the current system of undergraduate advising at Case Western Reserve University, and to make recommendations that would both enhance student satisfaction with

the advising process and provide students with better access to information and assistance with academic matters, and

Whereas, the final report of the UARC affirms that, consistent with the practice at most other private, selective institutions, it is appropriate that CWRU's system for ~~field~~ academic advising and mentoring is faculty-centric, and

Whereas, the CWRU Faculty Handbook does not explicitly list "advising" as a normal expectation or fundamental duty of the undergraduate faculty, or as a component of the faculty member's portfolio on which promotion and tenure decisions are based, and

Whereas, the final report of the UARC recommends that the Faculty Senate consider appropriate revisions to the CWRU Faculty Handbook that place greater emphasis on the importance of academic advising among a faculty member's responsibilities, and make it clear that advising is expected of the faculty, and

Whereas, the Faculty Senate Executive Committee has reviewed the final report of the UARC and supports the importance of faculty-centric major field advising and mentoring for undergraduate, graduate and professional students, and

Whereas, the Faculty Senate Executive Committee seeks the advice from faculty members from the Faculty Senate Graduate Studies Committee, the Faculty Senate Undergraduate Education Committee, and the Faculty Senate Personnel Committee, and the former UARC Committee, therefore

*Resolved, the Faculty Senate Executive Committee instructs the chair to empanel and charge an **ad hoc Committee on Raising the Level of Importance of Faculty-Centric Academic Advising**, to consider the implications of counting advising as part of the faculty member's responsibilities, and to possibly draft an effective and feasible amendment to the Faculty Handbook that will raise the importance of faculty-centric major field advising and mentoring for undergraduate, graduate, and professional students. The ad hoc committee will present any proposed amendments to the Faculty Handbook to the Executive Committee no later than March 15, 2010, and the ad hoc committee will seek the necessary approvals for any proposed amendments from the Committee on By-laws, the Executive Committee and the Faculty Senate by May 1, 2010.*

Approval of Honorary Degrees

The Faculty Senate Executive Committee reviewed the recommendations to award honorary degrees to Ciro de Quadros and Greg Mortensen. Dr. Quadros is a public health physician nominated for leading the immunization program that holds promise for eradicating polio; Mr. Mortensen is a nurse and educator nominated for humanitarian work improving education and literacy of children in the mountain regions of Pakistan and Afghanistan. The Executive Committee, acting on behalf of the University Faculty, voted to approve an honorary degree for Dr. Quadros and Mr. Mortensen for final approval by the Board of Trustees.

New Business

There was a question about a claim that the university's contract with Barnes and Noble obligates faculty to have books ordered through the university bookstore. The Executive Committee expressed an interest in reviewing the contract.

Approval of the Monday, December 21, 2009 Faculty Senate meeting agenda

The agenda for the December 21 faculty senate meeting was approved. The meeting was adjourned at 3:30 p.m.

APPROVED
by the
FACULTY SENATE EXECUTIVE COMMITTEE



ELIZABETH H. WOYCZYNSKI
SECRETARY OF UNIVERSITY FACULTY

CONSTITUTION, FACULTY HANDBOOK

ARTICLE V. **THE FACULTY SENATE**

Sec. A. Purpose and Functions

Par. 1. There shall be a Faculty Senate, which shall meet regularly to exercise all powers of the University Faculty not reserved to the University Faculty itself or delegated elsewhere by the University Faculty.

Par. 2. The powers and obligations of the Faculty Senate shall include but not be limited to those following:

- a. Making recommendations to the University Faculty on all issues presented to the University Faculty, including those specified in Article III, Section B.
- b. Making recommendations to the president for consideration and transmittal to the Board of Trustees with respect to policies governing:
 1. Standards of appointment, reappointment, promotion, tenure and termination of service of members of the constituent faculties;
 2. Standards for curricula and content of all degree programs;
 3. Standards and facilities for research and scholarship;
 4. Admission standards and academic requirements for students;
 5. Awarding of degrees in course;
 6. Awarding of honorary degrees.
- c. Making recommendations to the president for consideration and transmittal to the Board of Trustees with respect to:
 1. New degrees and the discontinuance of existing degrees;
 2. The establishment or discontinuance of departments within constituent faculties, as provided in Article VII, Section B, the renaming of departments, the merging of departments, or the transfer of departments between constituent faculties;
 3. Approval of the university academic calendar and modifications in the university calendar except in the case of extraordinary circumstances.
- d. Advising and consulting with the president on the appointment of major academic officers other than those of individual constituent faculties, on the formulation of the budget, on the allocation of the University's resources and facilities, on long-range planning, on the composition of faculty benefits, and on other matters of similar concern to the University Faculty.
- e. Reviewing current programs, policies and organizational structures with regard to their effectiveness, and exercising initiative in proposing the development and introduction of new programs, policies, and organizational structures.
- f. Recommending amendments of this constitution, as provided in Article IX.

CONSTITUTION, FACULTY HANDBOOK

Sec. E. Committee on Undergraduate Education

Par. 1. The Committee on Undergraduate Education shall consist of (1) the following voting members: the provost, *ex officio*, three voting members of the University Faculty elected by the Faculty Senate for overlapping three-year terms, one representative each from the College of Arts & Sciences, the Case School of Engineering, the Frances Payne Bolton School of Nursing, and the Weatherhead School of Management appointed by the executive committee/faculty council, one voting member of the University Faculty from the Department of Physical Education and Athletics, one voting member from the University Faculty from the Departments in the School of Medicine that offer undergraduate majors, two undergraduate students selected by the Undergraduate Student Government for a one-year term; (2) Up to four non-voting members, designated by the provost from among members of the administration with the rank of deputy, vice or associate-provost, vice-president, or dean and having specific responsibility for undergraduate education and life. (Hereinafter, voting members of the University Faculty who have a primary or joint appointment in at least one of these four constituent faculties, or in the Department of Physical Education and Athletics, or in one of the Departments in the School of Medicine that offer undergraduate majors are collectively referred to as the “Undergraduate Program Faculty”, or “UPF”.) The Faculty Senate shall appoint a chair and vice chair from the voting members of the Undergraduate Program Faculty who are members of the Committee on Undergraduate Education, with either the chair or the vice chair assuming the role of chair in the subsequent year, assisted by the vice chair appointed in that year.

Par. 2. (a) The Undergraduate Program Faculty is responsible for the basic policies that govern undergraduate education at the Case Western Reserve University. The Committee on Undergraduate Education shall review and recommend to the Faculty Senate with respect to changes in standards of admission for undergraduate students; changes in academic requirements and regulations for undergraduate students; curricula, contents, and standards for newly-proposed undergraduate degree programs¹; changes in existing undergraduate curricula and degree programs within a constituent faculty that specifically influence undergraduate degree programs or students enrolled in undergraduate degree programs in other constituent faculties (the, or the provost’s designee, in consultation with the chair of the Committee on Undergraduate Education will decide which course action forms require review by the committee); resource allocations for undergraduate education, outcome assessment of undergraduate degree programs, the discontinuance of existing undergraduate degree programs; standards for undergraduate academic standing; standards for receipt and retention of merit-based undergraduate financial aid; standards of undergraduate academic integrity and student conduct; standards and facilities for undergraduate research and scholarship; and conditions of undergraduate student life. The Committee on Undergraduate Education shall be responsible for the interpretation of existing policies and the application of existing academic rules to decide cases that involve academic probation, separation, and readmission; to review and to decide upon applications for undergraduate admission to the University; to decide cases of receipt and retention of merit-based undergraduate financial aid; and to report its actions to the Faculty Senate as well as the appropriate administrative offices. The Committee on Undergraduate Education shall receive regular reports from the executive or other governing committees of the constituent faculties, departments, or programs of the UPF that involve matters of undergraduate education not within the charge of the Committee on Undergraduate Education and as a matter of communication transmit them to the Faculty Senate as well as the appropriate administrative offices. The Committee on Undergraduate Education shall be empowered to form subcommittees as it judges appropriate to discharge its duties and to appoint to these subcommittees voting members of the University Faculty, staff members from administrative units that serve the undergraduate mission, and undergraduate students.

(b) The Undergraduate Program Faculty is responsible for the administration of all undergraduate programs at the University. All proposals for undergraduate courses and programs must be submitted for appropriate review through at least one of the four UPF Constituent Faculties.

Par. 3. (a) When issues arise that in the judgment of the Chair or a majority of the members of the Committee on Undergraduate Education, or of the Chair of the Faculty Senate involve important basic policies that govern undergraduate education at the University and extend beyond degree programs in a constituent faculty, the Committee on Undergraduate Education may refer proposals for action to a meeting of the Undergraduate Program Faculty for discussion. After that meeting, eligible faculty members in those faculties, departments, or programs shall vote on proposals by electronic ballot. The result of that vote shall be conveyed to the Faculty Senate for action at its next meeting after the vote.

(b) Meetings of the Undergraduate Program Faculty defined in Par. 3(a) to consider proposals for action regarding

¹ Degree programs are the major and minor academic programs that are officially recognized by the Office of Undergraduate Studies and appear on an official academic transcript of a student.

issues that involve important basic policies that govern undergraduate education at the University and extend beyond degree programs in a constituent faculty may also be called by the president, by the provost, by the chair of Committee on Undergraduate Education, by the chair of the Faculty Senate, or upon written petition, stating the proposal for action at the meeting and signed by not less than 10 (ten) percent of the total number of eligible voting members of the UPF. Such a petition shall be delivered to the chair of the Committee on Undergraduate Education, who shall certify the signatures to the Committee. The Committee on Undergraduate Education shall specify a meeting date upon receipt of the Petition, such meeting to take place no later than 30 (thirty) calendar days after receipt of the petition.

(c) The president, or in the absence of the president, the provost, or in the absence of the provost, the chair of the Committee on Undergraduate Education, shall preside at all meetings of the Undergraduate Program Faculty defined in Par. 3(a).

Par. 4. In discharging its responsibilities, the Committee on Undergraduate Education shall observe university policies governing academic freedom.

CONSTITUTION, FACULTY HANDBOOK

Sec. D. Committee on Graduate Studies

Par. 1. The Committee on Graduate Studies shall consist of the dean of graduate studies, *ex officio*, the vice president for research and technology management, *ex officio*, nine voting members of the University Faculty elected for overlapping three-year terms, three graduate student members elected for one-year terms, and the professional school senator, *ex officio*. The Nominating Committee, in consultation with the dean of graduate studies, shall select nominees for election to the committee on the basis of participation in graduate research and in graduate study and instruction. Such selection shall be broadly representative of graduate disciplines.

Par. 2. The Committee on Graduate Studies shall review and recommend to the Faculty Senate with respect to the academic standards and degree requirements of all departmental, inter-departmental, inter-divisional constituent faculty, and *ad hoc* and special programs under the administration of the dean of graduate studies.

FSCUE Report to the FS-ExComm (prepared by Gary Chottiner on 12/04/2009)

The Faculty Senate Committee on Undergraduate Education met on December 3.

1. The committee approved significant changes in academic standing policies, as recommended by our Academic Standing Subcommittee. A resolution describing these changes is included in a separate document. We expect that Senate approval will be sought for changes of this nature. If approval is given at the December Faculty Senate meeting, the FSCUE Academic Standing Board will apply the more generous of the current and new standards when they meet on January 5, 2010 to consider student cases based on fall 2009 grades. (*It would not, for example, be fair to place a first-year student with a GPA of 1.75 on probation without having given the student notice.*)
2. The FSCUE discussed whether we should form a standing subcommittee to handle undergraduate admissions and financial aid issues. The UUF had such a committee but it was not consistently effective. We discussed models in which important policy decisions would be taken up at the FSCUE level while a subcommittee might handle review of individual admissions cases but decided instead to develop a single subcommittee to handle both concerns. (*Important policy decisions might be considered first by this subcommittee but would then be taken up by the FSCUE.*) Membership and leadership of the subcommittee were discussed. We will develop a proposal for review at the Dec. 16 FSCUE meeting.
3. We discussed retention of students transferring to other schools and how we might work more effectively to retain such students, or at least collect better data on the reasons for their transfers. The *ad hoc* Retention Task Force did considerable work on this topic and made a set of recommendations; their report was issued in May 2008 but it's not clear that their recommendations are being implemented. The FSCUE will review this report and discuss steps we might take to insure action is taken on recommendations for which FSCUE assistance might be helpful.
4. The FSCUE will meet on December 16 for 3 hours, in the hope that we can clear our agenda of various items of new and old business. The tentative agenda for this meeting currently includes the following items.
 - I. Dual Degree/Binary programs with Asian Universities
 - II. Study Abroad (Associate Provost David Fleshler will join us as a guest for this discussion)
 - III. Language Requirements for Exchange Programs
 - IV. R grades (Amy Hammett will join us as a guest for this discussion.)
 - V. One Time Only Course Approvals (Amy Hammett will join us as a guest for this discussion.)
 - VI. Forced Course Withdrawals
 - VII. Retention Report Action Items
 - VIII. UG courses offered by professional schools
 - IX. Recommendations of the Undergraduate Advising Review Committee
 - X. Dual Enrollment with Tri-C
 - XI. 30 Extra Credits for 2 Degrees
 - XII. Funding of and Resources for Undergraduate Education
 - XIII. SAGES Impact Reports and other SAGES activities (on hold pending release of the ad hoc SAGES Committee's report)

- XIV. SAGES Senior Capstone Projects (delayed until the ad hoc SAGES Committee issues its report)
- XV. Transfer Credit Policies (on hold pending research by UG Studies on policies at other institutions)

FSCUE Resolution to Modify Undergraduate Academic Standing Rules

WHEREAS, the Faculty Handbook states that "The Committee on Undergraduate Education shall review and recommend to the Faculty Senate with respect to ... changes in academic requirements and regulations for undergraduate students, ... standards for undergraduate academic standing," and

WHEREAS, the Faculty Senate Committee on Undergraduate Education, FSCUE, has considered and endorsed the following change in policies;

NOW THEREFORE, IT IS HEREBY RESOLVED THAT

The regulations regarding academic standing for undergraduates be modified in accordance with the attached proposal.

JW, 12/4/2009

Proposal to Modify Academic Standing Rules

Drawing on its experience reviewing the records of students eligible for separation or permanent separation at the end of each semester, the Ad Hoc FSCUE Subcommittee on Academic Standing undertook a review of our current regulations regarding academic standing for undergraduates. The review started by identifying a number of anomalies and areas of concern in the implementation of the current regulations. The group then adopted a set of principles to guide the shape of a set of academic standing regulations for undergraduates. Based on those principles, the subcommittee outlined a proposal that would apply to the vast majority of our students, full-time students beyond the first-year, and then asked how those rules might be adjusted to deal with different sub-populations: first-year students, new transfer students, part-time students, students enrolled at CWRU for the summer term, students returning from separation, and transient students. This document summarizes those deliberations. Walking through the series of questions that guided our discussion, the proposal is shown in **boldface** in the left column and current practice is shown on the right.

Some areas of concern under our current rules

1. A student may be placed on probation or be eligible for separation at the end of the same semester for which she or he has earned dean's honors.
2. When a student is placed on probation because of insufficient hours, it is often ill-advised for the student to enroll in sufficient hours the next semester to return to good standing. In these cases, the deans often advise students to take fewer hours and tell them that it is unlikely that they will be separated if they earn at least 12 credit-hours with a GPA of 2.000 or greater.
3. The current rules present the anomaly of requiring a student to earn at least 9 credit-hours in any given semester, except the second semester of the first year.
4. Part-time semesters are hard to administer; in fact, the procedures that we have followed do not correspond to the rules as written.
5. We have never been comfortable with the treatment of summers and no specific guidelines are written down.
6. The rules are sufficiently complex that a simple computer algorithm cannot be constructed to identify the students who are eligible for academic action; also, there are often different interpretations and/or errors when different deans review the same record.
7. Students are often confused or surprised when they learn that they are eligible for academic standing review and about the way that the 24-credit-hours-across-two-semesters rule interacts with our requirement that students be in good standing to earn credit off-campus over the summer.

Some simple principles to guide the shape of academic standing rules

1. We should give students a great deal of freedom to organize their lives at the University and only intervene and limit their freedom in extreme cases.
2. When the student moves beyond the acceptable range, we should respond quickly.
3. We should be quick to move students back to good standing when they are once again performing in the acceptable range.
4. The rules should be easy for students to understand and easy to administer.
5. As a benchmark, we should expect that a full-time student arriving at the University with no transfer or AP credit can complete a degree in eight regular (fall/spring) semesters; this means that a student should be expected to be able to successfully complete 15-17 credit-hours in a semester.

Proposal for full-time upper class students

Current language and/or practice

<p>That the requirements for good standing be:</p> <ol style="list-style-type: none">1. a semester grade point average of 2.000 or higher; and2. a minimum of 12 credit-hours earned in the immediately preceding semester. <p>Students who, at the end of any semester, fail to maintain the standard of performance for good standing will be placed on probation.</p>	<p>“Following the first year, the requirements for good standing for full-time students are:</p> <ol style="list-style-type: none">1. a semester grade point average of 2.000 or higher <i>and</i>2. a cumulative grade point average of 2.000 or higher <i>and</i>3. a minimum of nine credit-hours earned each semester <i>and</i>4. an average of 12 credit-hours earned each semester during two consecutive semesters of full time enrollment. <p>Students who, at the end of any semester, fail to maintain the standards of performance required for good standing as specified above will be placed on probation.”</p>
<p>Students on academic probation who fail to return to good standing at the end of the subsequent semester will be eligible for separation for at least two academic sessions, including the summer session.</p>	<p>“Students on academic probation who fail to meet the standard of improvement established by the colleges will be eligible to be separated from the colleges for at least two academic sessions, including the summer session.”</p>
<p>A student is eligible for separation without a semester of probation for either of the following reasons:</p> <ol style="list-style-type: none">1. The student’s semester grade point average is less than 1.000; or2. The student has not earned at least 9 credit-hours in that semester.	<p>“A student is eligible for separation without a semester of probation for either of the following reasons:</p> <ol style="list-style-type: none">1. The student’s semester grade point average is less than 1.000.2. The student has not earned at least 19 credit hours in two consecutive semesters of full-time enrollment.”

1. Should the rules be different for first-year students? Both semesters or only the first semester?

<p>First-year students should be held to the same 2.000 GPA standard as all other students. However, they should need to earn only 9 credit-hours in the first semester to maintain good standing; beginning in the second semester, they should be held to the same 12 credit-hour standard as upperclass students.</p>	<p>“In order to maintain good academic standing, a first year undergraduate [defined as the first two semesters of enrollment for students who are beginning their college studies] must earn at Case a minimum of 9 hours and an average of 1.700 or higher in the first semester and a total of 21 hours with a cumulative average of 1.75 or higher by the end of the second semester of full-time enrollment.”</p>
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1a. Should a first-semester student be subject to separation without already being on probation under any circumstances?

<p>First-semester students should be subject to separation without already being on probation if:</p> <ol style="list-style-type: none">1. The student’s semester grade point average is less than 1.000; AND2. The student has not earned at least 9 credit-hours in that semester.	<p>Currently, first-year students are not eligible for separation at the end of the first semester and are eligible for separation at the end of the second semester only if they were placed on probation at the end of the first semester.</p>
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2. Should the rules be different for new transfer students?

New transfer students in the first semester should be treated in the same way as new first-year students.	Currently, new transfer students are subject to the rules for upperclass students.
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3. How should we treat part-time semesters?

A student who registers for a part-time semester should be in good standing if he or she earns a semester GPA of at least 2.000. A student who fails to meet this GPA standard should be placed on probation. Part-time students should not be eligible for separation without already being on probation, but should become eligible for separation if they fail to earn good standing for two consecutive semesters.	“Semester and cumulative credit hour expectations for good standing will be adjusted and prorated for a matriculated student who enrolls as a part-time student. For example, a half-time student must have completed successfully one-half of the minimum number of required semester hours.” In practice, however, we do not review part-time students until they have completed sufficient semesters to total a full-time semester. They are then reviewed on the basis of a composite of those semesters.
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3a. Should a student who went on probation as a full-time student be able to return to good standing as a part-time student?

A full-time student placed on probation who subsequently enrolls as a part-time student should not be reviewed for further academic action until she or he has completed sufficient semesters to total at least 12 attempted credit-hours. At that time, the student should be reviewed on the basis of a composite of those semesters.	As above, currently, students who enroll as part-time students are not reviewed until they have completed sufficient semesters to total a full-time semester and are then reviewed on the basis of a composite of those semesters.
Similarly, a student who goes on probation as a part-time student should not be reviewed for further academic action until she or he has completed sufficient semesters to total at least the number of credit-hours attempted in the semester for which the student was placed on probation. At that time, the student should be reviewed on the basis of a composite of those semesters and should be expected to have earned at least the number of credit-hours attempted in the semester for which she or he was placed on probation.	Ditto.

4. How should we treat summers?

<p>Students should not be reviewed for academic action at the end of the summer term except in the following two situations:</p> <ol style="list-style-type: none">1. A student on probation as of the end of the spring semester should be returned to good standing at the end of the summer term if she or he has completed at least 6 credit-hours at CWRU with a summer GPA of at least 2.000.2. Nursing students who enroll for a full course load (at least 12 credit-hours) that includes the capstone course during the summer term should be reviewed according to the standards of a regular fall or spring semester.	<p>Currently, we have nothing written down about how we deal with summers. However, our practice has been to review only the records of students already on probation who complete at least 6 credit-hours during the summer session. At that time, we look at a composite of the spring and summer as a new semester following the spring and the student is either returned to good standing or eligible for separation.</p>
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5. Should the path to permanent separation following readmission be the same as above or should a single failure to meet the requirements for good standing make one eligible for permanent separation?

<p>A student who has been readmitted from separation should be held to the same academic standards as outlined above (e.g. a full-time student who earns fewer than 12 credit-hours with 2.000>GPA≥1.000 should be placed on probation). A second separation under the above standards should be permanent.</p>	<p>“Students being readmitted after being separated must thereafter maintain good academic standing. A readmitted student who performs below the level required for good standing will be eligible for permanent separation from the University.”</p>
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6. How should we think about the continuation of transient student status in light of these academic standing regulations?

<p>Transient students should be expected to perform at the same academic standards as our degree-candidates. In particular, transient students whose records would make them eligible for separation as degree-candidates should not be allowed to continue as transient students unless they successfully petition the Academic Standing Board.</p>	<p>“The privilege of enrolling as a visiting student for more than one semester is subject to the following limitations:</p> <ol style="list-style-type: none">A minimum grade point average of “C” must be maintained.All visiting students are limited to a maximum of 30 semester hours as visiting students and may not register in more than five semesters, summer session included.” (Application for Enrollment)
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7. How should a student's academic status at his or her home institution affect our acceptance of the student as a transient student at CWRU?

<p>A degree-candidate from another institution should only be allowed to enroll as a transient student at CWRU if the student would be eligible to enroll for that semester at his or her home institution. Exceptions may be granted by appeal to the Academic Standing Board.</p>	<p>“Before enrollment, the transient student must present a statement of good standing from the registrar of his or her home college.” (General Bulletin)</p>
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Approved by the Ad Hoc FSCUE Subcommittee on Academic Standing, 9/30/2009

Approved by FSCUE, 12/3/2009

November xx, 2009

**RESOLUTION TO APPROVE THE CHARGE TO
THE FACULTY SENATE *AD HOC* COMMITTEE ON
RAISING THE IMPORTANCE OF ACADEMIC ADVISING IN THE FACULTY HANDBOOK**

Whereas, the Undergraduate Advising Review Committee (UARC) was established as part of the Strategic Plan implementation process in early 2009, and

Whereas, the charge to the group was to evaluate the current system of undergraduate advising at Case Western Reserve University, and to make recommendations that would both enhance student satisfaction with the advising process and provide students with better access to information and assistance with academic matters, and

Whereas, the final report of the UARC affirms that, consistent with the practice at most other private, selective institutions, it is appropriate that CWRU's system for major-field academic advising and mentoring is faculty-centric, and

Whereas, the CWRU Faculty Handbook does not explicitly list "advising" as a normal expectation or fundamental duty of the undergraduate faculty, or as a component of the faculty member's portfolio on which promotion and tenure decisions are based, and

Whereas, the final report of the UARC recommends that the Faculty Senate consider appropriate revisions to the CWRU Faculty Handbook that place greater emphasis on the importance of academic advising among a faculty member's responsibilities, and make it clear that advising is expected of the faculty, and

Whereas, the Faculty Senate Executive Committee has reviewed the final report of the UARC and supports the importance of faculty-centric major field advising and mentoring for undergraduate, graduate and professional students, and

Whereas, the Faculty Senate Executive Committee seeks the advice from faculty members from the Faculty Senate Graduate Studies Committee, the Faculty Senate Undergraduate Education Committee, and the Faculty Senate Personnel Committee, and the former UARC Committee, therefore

Resolved, the Faculty Senate Executive Committee instructs the chair to empanel and charge an ***ad hoc* Committee on Raising the Level of Importance of Academic Advising in the Faculty Handbook**, to consider the implications of counting advising as part of the faculty member's teaching responsibilities, and to draft an effective and feasible amendment to the Faculty Handbook that will raise the importance of faculty-centric major field advising and mentoring for undergraduate, graduate, and professional students. The *ad hoc* committee will present any proposed amendments to the Faculty Handbook to the Executive Committee no later than February 1, 2010, and the *ad hoc* committee will seek the necessary approvals for any proposed amendments from the Committee on By-laws, the Executive Committee and the Faculty Senate by May 1, 2010.



W. A. "Bud" Baeslack III
Provost and Executive Vice President

10900 Euclid Avenue
Cleveland, Ohio 44106-7001

Visitors and Deliveries
Adelbert Hall, Room 216

Phone 216.368.4346
Fax 216.368.4325

E-mail Baeslack@case.edu

www.case.edu

CONFIDENTIAL

To: Carol Musil
Chair, Faculty Senate
Executive Committee

From: W.A. "Bud" Baeslack III
Provost and Chair, Honorary Degree Committee

Date: November 23, 2009

The honorary degree committee has met to review recommendations submitted by the university communication this year for honorary degrees. After discussion of the slate of nominees, the committee voted to recommend that *Ciro de Quadros* and *Greg Mortensen* be recognized with honorary degrees at future commencement ceremonies. *Ciro de Quadros* is a public health physician nominated for leading the immunization program that holds promise for eradicating polio, and *Greg Mortensen* is a nurse and educator nominated for humanitarian work improving education and literacy of children in the mountain regions of Pakistan and Afghanistan. The nominating letters and biographical information on these two accomplished individuals are attached. If *Greg Mortensen* is awarded an honorary degree, the committee recommends that it coincide with commencement in 2013 because of his link with this year's entering class as co-author of the common read and speaker at the 2009 convocation.

I hereby submit these recommendations for review by the Faculty Senate executive committee. If approved by your committee, which acts for the University Faculty, the recommendation will be conveyed to the president for submission to the Board of Trustees.

C: Elizabeth Woyczynski, Secretary, Faculty Senate
Honorary Degree Committee

Cynthia Beall
John Lewandowski
Mark Hans
Michael Scharf
David Clingingsmith
Nathan Berger

Diana Morris
Sharon Milligan
Patrick Kennedy
Robin Dubin – ex-officio
Richard Zdanis – ex officio
Lynn Singer – ex officio

INVITATION TO NOMINATE FOR HONORARY DEGREE

Case Western Reserve University invites nominations for honorary degrees, which recognize persons who exemplify in their work the highest ideals and standards of “excellence in any valued aspect of human endeavor, including the realm of scholarship, public service, and the performing arts.” (Faculty Handbook, 3, III.X) *Current members of the faculty, the staff, or the Board of Trustees are not eligible for an honorary degree.*

The honorary degree committee, chaired by Provost W. A. “Bud” Baeslack, includes: Cynthia Beall, Arts and Sciences; John Lewandowski, Engineering; Mark Hans, Dental Medicine; Michael Scharf, Law; David Clingingsmith, Management; Nathan Berger, Medicine; Diana Morris, Nursing; Sharon Milligan, Applied Social Sciences; Patrick Kennedy, Physical Education and Athletics; and *ex-officio* members University Marshal Robin Dubin; Deputy Provost Lynn Singer and University Vice President Emeritus and Provost Emeritus Richard Zdanis. Nominations for honorary degrees to be conferred at commencement 2011 or 2012 will be reviewed during the fall semester 2009.

The university community is invited to submit nominations, preferably by e-mail, to the office of the provost, c/o Lois Langell (lois.langell@case.edu), or to any committee member by September 15, 2009. Nominees should not be informed of the nomination.

For full review, please include the information listed below. Incomplete nominations cannot be considered.

RECOMMENDATION FOR AWARD OF AN HONORARY DEGREE

Submit by September 15, 2009 for review in the fall semester 2009.
Please do not inform the nominee of his or her nomination

Nominee: Greg Mortenson

Attachments:

 Nominating letter

 Nominee’s vita or biography

 Optional letters of support (maximum of five)

 Other materials (optional).

Nominator: Susan Tullai-McGuinness

Contact information: sxt32@case.edu 368-6335

Nominator’s relationship to the university (e.g., student, faculty, staff or alumna/us)
faculty



CASE WESTERN RESERVE UNIVERSITY

FRANCES PAYNE BOLTON SCHOOL OF NURSING

Case Western Reserve University
10900 Euclid Avenue
Cleveland, Ohio 44106-4904
Phone 216-368-6335
Email sxt32@case.edu

Dear Honorary Committee Members:

I am honored to nominate Greg Mortenson for an honorary degree to be conferred at commencement in 2011 or 2012. Greg Mortenson, humanitarian and former registered nurse, has devoted more than 15 years to improving the education and literacy of children living in the Pakistan and Afghanistan mountain regions. Mortenson has established over 78 schools with more than 28, 000 students, including 18,000 girls being educated. Mortenson is driven by his belief that education will help to improve the health of the impoverished and promote peace. His focus on education of girls stems from a belief that girls use what they learn to improve living conditions in their villages. In addition, he says that mothers in the Pakistan and Afghanistan regions have a strong influence on the choices their children make later in life. When speaking at Frances Payne Bolton School of Nursing in 2009, Mortenson's addressed the outcome of his work. Girls now receiving an education are teaching their mothers to read. Sanitary conditions are improving and infant mortality rates are decreasing.

Mortenson documented his courageous journey in a New York Times bestseller, *Three Cups of Tee: On Man's Mission to Promote Peace, One School at a Time*. He has received numerous awards, including the Jeanette Rankin Peace Award from the Institute of Peace; the Archon award from Sigma Theta Tau International, an international nursing organizational; and the Star of Pakistan, Pakistan's highest civilian award. In 2009, several Congressmen nominated Mortenson for the Nobel Peace Prize. Currently, Mortenson serves as Executive Director for the non-profit Central Asia Institute he co-founded. The Institute's programs focus on promoting education and literacy in Pakistan and Afghanistan. Projects include building schools, awarding scholarships, providing workshops to train local people for teaching positions, overseeing resources for public health and environmental sustainability, and establishing women's centers where women can resolve problems and learn vocational training skills.

Sincerely,

A handwritten signature in cursive script, reading "Susan Tullai-McGuinness".

Susan Tullai-McGuinness, PhD, RN
Assistant Professor, Frances Payne Bolton School of Nursing

Greg Mortenson (bio as of June 2009)

Greg Mortenson is the co-founder of nonprofit Central Asia Institute www.ikat.org, founder of Pennies For Peace www.penniesforpeace.org, and co-author of New York Times bestseller 'Three Cups of Tea' www.threecupsoftea.com which has sold 3 million copies, been published in 34 countries, and a New York Times bestseller for 120 weeks since its January 2007 release, and Time Magazine Asia Book of The Year.

In March 2009, Mortenson received Pakistan's highest civil award, *Sitara-e-Pakistan* ("Star of Pakistan") for his dedicated and humanitarian effort to promote education and literacy in rural areas for fifteen years.

Several bi-partisan U.S. Congressional representatives nominated Mortenson for the Nobel Peace Prize this year. The award recipient is chosen by a secret process and announced in October.

Three Cups of Tea is required reading for U.S. senior military commanders, for officers in the Norwegian War College, *Forsvarsnett*, for U.S. Special Forces deploying to Afghanistan, Pentagon officers in counter-insurgency training, and Canadian Defense Ministry members.

The book has been read by General David Petraeus – CENTCOM Commander, Admiral Mike Mullen - Chairman Joint Chief of Staff, and Admiral Eric Olson – SOCOM Special Forces commander, and several other U.S. military commanders who advocate for building relationships as a part of an overall strategic plan for peace. Mortenson has addressed the National Defense Senior Leadership Conference at the Pentagon, visited over two dozen military bases, NORAD, and been to the Air Force, Naval and West Point Academies.

Mortenson was born in 1957, and grew up on the slopes of Mt. Kilimanjaro, Tanzania (1958 to 1973). His father Dempsey, founded Kilimanjaro Christian Medical Center (KCMC) www.kcmc.ac.tz a hospital, and mother, Jerene, founded the International School Moshi.

He served in the U.S. Army in Germany (1977-1979), where he received the Army Commendation Medal, and graduated from the University of South Dakota in 1983.

In July 1992, Mortenson's sister, Christa, died from a massive seizure after a lifelong struggle with epilepsy on the eve of a trip to visit Dysersville, Iowa, where the baseball movie, 'Field of Dreams', was filmed in a cornfield.

To honor his sister's memory, in 1993, Mortenson climbed Pakistan's K2, the world's second highest mountain in the Karakoram range.

While recovering from the climb in a village called Korphe, Mortenson met a group of children sitting in the dirt writing with sticks in the sand, and made a promise to help them build a school.

From that rash promise, grew a remarkable humanitarian campaign, in which Mortenson has dedicated his life to promote education, especially for girls, in remote regions of Pakistan and Afghanistan.

As of 2009, Mortenson has established over 90 schools in rural and often volatile regions of Pakistan and Afghanistan, which provide education to over 34,000 children, including 24,000 girls, where few education opportunities existed before.

His work has not been without difficulty. In 1996, he survived an eight day armed kidnapping by the Taliban in Pakistan's Northwest Frontier Province tribal areas, escaped a 2003 firefight with feuding Afghan warlords by hiding for eight hours under putrid animal hides in a truck going to a leather-tanning factory. He has overcome fatwehs from enraged Islamic mullahs, endured CIA investigations, and also received threats from fellow Americans after 9/11, for helping Muslim children with education.

Mortenson is a living hero to rural communities of Afghanistan and Pakistan, where he has gained the trust of Islamic leaders, military commanders, government officials and tribal chiefs from his tireless effort to champion education, especially for girls.

He is one of few foreigners who has worked extensively for sixteen years (over 72 months in the field) in rural villages where few foreigners go.

TV newscaster, Tom Brokaw, calls Mortenson, "one ordinary person, with the right combination of character and determination, who is really changing the world".

Congresswoman Mary Bono (Rep – Cali.) says, "I've learned more from Greg Mortenson about the causes of terrorism than I did during all our briefings on Capitol Hill. He is a true hero, whose courage, and compassion exemplify the true ideals of the American spirit."

While not overseas half the year, Mortenson, 51, lives in Montana with his wife, Dr. Tara Bishop, a clinical psychologist, and two young children.

Book tour, reviews and media on www.threecupsoftea.com
Central Asia Institute website www.ikat.org
Pennies For Peace website www.penniesforpeace.org

AWARDS

1975 US Army Commendation medal
1998 American Alpine Club David Brower Conservation Award
2002 Peacemaker Award from Montana Community Mediation Center
2003 Climbing Magazine "Golden Piton Award" for humanitarian effort
2003 Vincent Lombardi Champion Award for humanitarian service
2003 Peacemaker of the Year" Benedictine Monks, Santa Fe, NM
2003 Outdoor Person of the Year - Outdoor Magazine
2003 Salzburg Seminar fellow, sponsored by Microsoft
2004 Freedom Forum "Free Spirit Award" - National Press Club, D.C.
2004 Jeanette Rankin Peace Award - Institute for Peace
2005 Men's Journal 'Anti-Terror' Award by Senator John McCain

2005 Red Cross “Humanitarian of The Year” Montana
2006 Golden Fleur-de-lis Award from Comune Firenze, Italy
2007 Medical Education Hall of Fame Award, Toledo, OH
2007 Rotary International Paul Harris Award for Promoting Friendly Relations Among People
2007 Mountain Institute Award for Excellence in Mountain Community Service
2007 Dayton Literary Peace Prize – Book Award, Dayton, OH
2008 Citizen Center for Diplomacy - National Award for Citizen Diplomacy
2008 Courage of Conscience Award – The Peace Abbey, Sherborn, MA
2008 Graven Award - Wartburg College, IA
2008 National Award for Citizen Diplomacy - Citizen Center for Diplomacy
2008 Academy of Achievement Award
2008 Sword of Loyola – St. Louis University
2009 Sitara-e-Pakistan “Star of Pakistan” (Pakistan’s highest civilian award)
2009 Mary Lockwood Founders Medal For Education - Daughters of The American Revolution
2009 Archon Award - Sigma Theta Tau International (Nursing Award)
2009 National Education Association NEA – Human Rights Award
2009 Austin College Leadership Award – Sherman TX – life’s work to take a courageous stand on education issues for peace
2009 City College San Francisco Amicus Collegii Award – Promoting peace through education
2009 Jefferson Award for Community Service: Harvard Kennedy School of Business

HONORARY DOCTORATE DEGREES

2007 Concordia College, Moorhead, MN
2007 University of South Dakota, Vermillion, SD
2008 Montana State University, Bozeman, MT
2008 Villanova University, PA
2008 University of San Francisco, CA
2008 University of Washington-Bothell, WA
2008 Lewis & Clark College, OR
2008 Seattle University, WA
2009 Colby College, ME
2009 St. Louis University, MO

THREE CUPS OF TEA BOOK – AWARDS AND MENTIONS

2006 Time Magazine Asia Book of The Year
2006 People Magazine – Critics Choice
2006 Publisher’s Weekly – Starred Review
2006 Kirkus Review – Starred Review
2006 Borders Bookstore Original Voices Selection
2007 Banff Mountain Festival Book Award Finalist
2007 Kiriyama Prize Nonfiction Award
2007 Pacific Northwest Booksellers Association - Nonfiction Award
2008 Montana Honor Book Award
2008 Dayton Literary Prize Nonfiction Award – Runner up

2009 Mom's Choice Award – Author of the Year

Contact Info:

C/O: Jennifer Sipes
Operations Director
Central Asia Institute
PO Box 7209
Bozeman, MT USA 59771
Phone 406-585-7841
Fax 406-585-5302
Email cai@ikat.org
Web www.ikat.org

Book tour, reviews and media on www.threecupsotea.com
Central Asia Institute website www.ikat.org
Pennies For Peace website www.penniesforpeace.org

RECOMMENDATION FOR AWARD OF AN HONORARY DEGREE FOR

CIRO A. de QUADROS, MD, MPH

Nominee: Ciro A. de Quadros

Attachments:

 X Nominating letter

 X Nominee's vita or biography

3 Optional letters of support (maximum of five)

Robert E. Black

Peter Hotez

George A.O. Alleyne

Nominators: Thomas M. Daniel, Sara M. Debanne, and James W. Kazura

Contact information: Thomas M. Daniel, 330-655-4065; email: tjdaniel@pobox.com
and tmd5@cwru.edu; address: 43 Laurel Lake Drive, Hudson, OH 44236

Nominators' relationships to the university (e.g., student, faculty, staff or alumna/us)

Thomas M. Daniel Professor Emeritus of Medicine and International Health

Sara M. Debanne Professor of Epidemiology and Biostatistics

James W. Kazura Professor of International Health and Medicine



Pan American Health Organization



Regional Office of the
World Health Organization

IN REPLY REFER TO: DE/28/1

August 13, 2009

Office of the Provost
Care of Lois Langell
Case Western Reserve University
Cleveland, OH 44106-7001

Re: Nomination of Ciro de Quadros for an honorary doctorate

Dear Provost:

I write in support of the nomination of Dr. Ciro de Quadros for an Honorary Doctorate of your University. I have known Dr. de Quadros since 1981 when I joined the Pan American Health Organization (PAHO). I, like all other PAHO staff members, was aware of his work and his leadership of the Immunization program. However, I worked more closely with him when I became Director of the Organization in 1994 and created a Special Program for Vaccines and Immunization and appointed him as its Director. That Special Program was so productive that I took the unusual step of establishing a Division of Vaccines and Immunization with Dr. de Quadros as its Director in 1998.

I can therefore attest to Dr. de Quadros' seminal contribution to the success of the immunization program in the Americas. It was primarily through his effective leadership and his amazing skill at mobilizing, marshalling and organizing the necessary resources that the Region of the Americas as a whole has had outstanding successes in childhood immunization. This Region was the first to eliminate poliomyelitis as well as childhood measles and this in great part was due to the capacity of the PAHO immunization program led by Dr. de Quadros to provide our member countries with the necessary guidance and technical support. It is not hyperbole to say that the achievements of this program and Dr. de Quadros' leadership will do down as one of the brightest examples of effective public health in the Americas.

But in addition to his leadership in the Americas, Dr. de Quadros has shared his experience with countries in all parts of the world and I know that the Director-General of the World Health Organization placed great store by his advice and counsel.

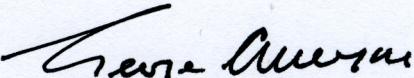
/..

www.paho.org

Dr. de Quadros also believed and showed that it was necessary to publish in recognized scientific journals much of the research and documentation which lay behind the success of the immunization program. His output has been impressive for a person whose prime affiliation has not been to an academic institution. He has been in great demand as a speaker as his curriculum vitae shows and other countries and regions have benefited considerably from his advice on the organization of childhood immunization programs. His contribution has also been recognized by the several countries and institutions with some of their more prestigious awards and decorations.

In sum, Dr. de Quadros has been an outstanding public servant who has contributed immeasurably to the health and wellbeing of the Americas and the world, and I have no hesitation in adding my support to the proposal that at your university confer an honorary degree on him.

Yours sincerely,


George A.O. Alleyne
Director Emeritus

Bloomberg School of Public Health

Department of International Health
615 N. Wolfe Street / Room E8527
Baltimore MD 21205-2179
410-955-3934 / Fax 410-955-7159
www.jhsph.edu/Dept/IH/index.html

July 13, 2009

Office of the Provost
Care of Lois Langell
Case Western Reserve University
Cleveland, OH 44106-7001

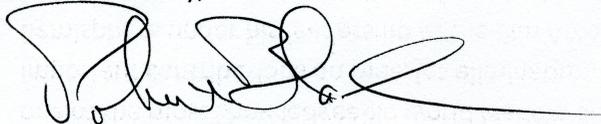
Dear Provost:

I am pleased to write a letter supporting the nomination of **Ciro de Quadros** for an honorary doctorate from Case Western Research University. Dr. de Quadros has had an exceptional career marked by innovation and dedication to improve global health. His leadership was critical to the successful eradication of poliomyelitis in the Latin American region and to approaches to be used globally for this now almost completed task. He is not only the most respected authority on polio eradication, but also one of the most knowledgeable world leaders on vaccines and immunization programs. He has made important contributions on measles elimination, which was also accomplished in the Western hemisphere under his leadership at the Pan American Health Organization, and on policy and programs for other vaccines, including those for rotavirus, human papillomavirus and rubella. Thus from his start in smallpox eradication to his work on new vaccines today, he has always been at the cutting edge of program innovation and disease control.

Dr. de Quadros is committed not only to advancing global health but also to training the next generation of public health leaders. We have been fortunate that he has had an Adjunct Professor appointment in my department since 1991. He regularly teaches and assists students, and provides mentoring to junior faculty.

He has my enthusiastic support for the honorary doctorate that is being considered at your institution. It would be a just recognition of his important accomplishments from an institution that has itself made many contributions to international health.

Yours sincerely,



Robert E. Black, M.D., M.P.H.
Edgar Berman Professor and Chair



June 24, 2009

Re: Honorary Degree Nomination Letter for Dr. Ciro de Quadros

To whom it may concern:

It is my pleasure to write the strongest letter in support of nominating Dr. Ciro de Quadros for an honorary doctoral degree at Case Western Reserve University. Ciro is considered one of the very greatest giants of modern vaccinology. Presently he is the Executive Vice-President and President Emeritus for Albert B. Sabin Vaccine Institute (SVI). In previous positions as Director of Immunizations and Vaccines at the Pan American Health Organization and as Special Advisor to the Director General of the World Health Organization, Ciro took the concept of vaccinating people in Latin America and the Caribbean at an extraordinary level. MORE THAN ANY OTHER INDIVIDUAL CIRO IS CREDITED WITH LEADING THE EFFORTS TO ERADICATE POLIO AND MEASLES FROM THE WESTERN HEMISPHERE. No other region director in any other region of the developing world has had this accomplishment. Therefore Ciro can be credited with savings more lives than just about any other single individual in the 20th century. We are literally talking about millions of lives saved. Dr. de Quadros did this by sheer force of personality and imposing his will on others. In his years at PAHO and WHO Ciro became known as a Field Marshall of legendary proportions, unwavering in his commitment to help the world's poorest people. Simultaneously, Ciro used his great intellect to design innovative mechanisms for ensuring that vaccines get access to the people who need them. This includes an innovative revolving fund to ensure that the poorest nations in Latin America can purchase adequate amounts of life-saving childhood vaccines.

Currently, Ciro has taken on an ambitious effort to eradicate rubella from the Americas and to provide access of impoverished women in the Americas to the new cervical cancer vaccine. This latest project is of great importance to women's health. Current estimates indicate that roughly 13,000 women will die annually in Latin America from cervical cancer. Most of these women are too poor to receive routine pap smear screening and other preventive measures. Therefore over the next 5 years we could witness the needless deaths of some 65,000 poor women who serve as the heads of their households. Ciro's efforts may indeed prove instrumental in preventing these deaths.

In summary, Dr. de Quadros for the last 40 years has been a fearless champion of the world's poorest people. His efforts to vaccinate Latin America have received

international acclaim and he is an obvious choice for nomination for an honorary doctoral degree at Case Western.

Sincerely,

A handwritten signature in dark ink, appearing to read "Peter Hotez", with a large, sweeping flourish at the end.

Peter Hotez, MD, PhD
Distinguished Research Professor
Walter G. Ross Professor and Chair
Department of Microbiology, Immunology and Tropical Medicine
The George Washington University
President, Sabin Vaccine Institute



CASE WESTERN RESERVE
UNIVERSITY EST. 1826

Center for Global Health and Diseases

Thomas M. Daniel, M.D.
Professor Emeritus of Medicine
and International Health

July 27, 2009

Office of the Provost
Care of Lois Langell
Case Western Reserve University
Cleveland, Oh 44106-7001

Re: Honorary degree nomination for **Ciro A. de Quadros, MD, MPH**

Dear Ms. Langell,

We would like to propose **Ciro de Quadros, M.D., M.P.H.**, for an honorary doctorate from Case Western Reserve University. Dr. de Quadros epitomizes the impact that dedicated physicians can have on the health of the world's children.

It was **Ciro de Quadros** who conceived of and then managed the campaign to eradicate poliomyelitis from the Americas. Based on national immunization days, his program mobilized national health services and large numbers of volunteers throughout the Western Hemisphere. In 1981, when he first proposed this enormously successful program, he was head of the Pan American Health Organization Expanded Program on Immunization. He continued in that role, managing the vaccination and surveillance campaign until its successful conclusion in 1994. It is difficult to overstate the magnitude of this accomplishment. In the face of civil unrest, inadequate national public health infrastructures, and considerable professional skepticism, Dr. de Quadros pursued the goal ceaselessly to its successful accomplishment. The successful campaign for polio eradication that Dr. de Quadros conducted in the Americas now serves as the model for the World Health Organization's global campaign.

Immunization campaigns based on the work of Dr. de Quadros now promise relief of an enormous burden of paralyzed individuals for the people and nations of the world. Polio will be the second such successful disease eradication the earth has known. Smallpox, which was the first, was, in fact, an easier chore because all cases are clinically evident and its virus has no reservoir outside of human bodies. Poliovirus produces asymptomatic infections, and it is not the

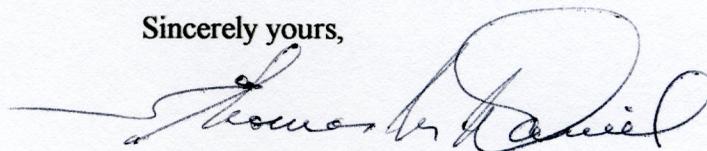
only cause of flaccid paralysis. Moreover, the virus can exist for some time in water sources and sewage, requiring extensive laboratory monitoring of these reservoirs to confirm eradication. Thus, the administrative oversight tasks tackled by Dr. de Quadros were enormous.

Dr. de Quadros retired from PAHO in 2002. At that time he was Director, Division of Vaccines and Immunizations. He also served as a special advisor to the Director General of the World Health Organization. Upon retirement, he joined the Albert Sabin Institute as Director, International Programs. We enclose a copy of his *curriculum vitae*. His many honors are listed there. The Prince Mahidol Award, which he received in 1993, is often considered the "Nobel Prize" of Public Health.

Dr. de Quadros has a long-standing relationship with our school of medicine. He has held an adjunct professorship in the Department of Epidemiology and Biostatistics since 1993. He was a regular and popular teacher in the annual International Health course of the former School of Medicine Center for International Health. He has given well-received and lectures seminars in the Department of Epidemiology.

With this letter, we enclose letters of support from individuals of prominence in the academic and international public health arenas who know Dr. de Quadros and his work.

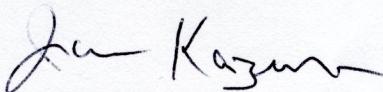
Sincerely yours,



Thomas M. Daniel, M.D.
Professor Emeritus of Medicine and
International Health



Sara M. Debanne, Ph.D.
Professor of Epidemiology and Biostatistics



James W. Kazura, M.D.
Professor of International Health and
Medicine

March 2009

CURRICULUM VITAE

CIRO A. de QUADROS, M.D., M.P.H.

PERSONAL DATA

Date of Birth: 30 January 1940

Nationality at Birth: Brazilian

Present Nationality: Brazilian

Marital Status: Married

Children: Four

Address:

Home:
2920 38th St. NW
Washington, D.C. 20016
Phone: (202) 965-1723

E-mail: Quadrosc@msn.com

Office:
Albert B. Sabin Vaccine Institute
1889 F Street, NW, suite 200 S
Washington, D.C. 20006
Phone: (202) 265-6515
Fax: (202) 842-7689
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Language Abilities

Portuguese: Mother tongue.

English: Reads, speaks and writes almost as well as mother tongue.

Spanish: Reads, writes and speaks almost as well as mother tongue.

French: Reads and speaks with certain difficulty.

Italian: Reads and speaks with certain difficulty.

EDUCATION AND TRAINING:

- 1 Primary and Secondary Education: Rio Pardo and Pôrto Alegre, RS, Brazil, 1945 to 1958.
- 2 Medicine: Catholic School of Medicine, Pôrto Alegre, RS, Brazil. 1961 to 1966.
- 3 Master in Public Health: National School of Public Health. Rio de Janeiro, Brazil, 1968.

Fields of interest and experience:

Epidemiology, Disease Control; Vaccinology; Vaccine Research, Development, Production and Quality Control; Planning, Management and Evaluation of Public Health Services.

PROFESSIONAL EXPERIENCE

1 Present Position:

Albert B. Sabin Vaccine Institute (SVI)

Title of Post: Executive Vice-President

President Emeritus and Member of the Board of Trustees

Present position was taken in February 2003. It entails the overall planning and technical direction of all international programs of SVI; representing the Institute at international meetings of interest for its activities; advising the leadership of the Institute in matters of policy that may affect its international programs and collaborating in fund raising to strengthen the Institute's international programs.

2 Past Positions Held:

2.1 From February 1999 to October 2002

Pan American Health Organization (PAHO)

Title of Post: Director, Division of Vaccines and Immunization

Present position was taken in March 1999, entails the responsibility of advising PAHO Member Countries on the implementation of programs and activities related to vaccines and immunization, according to the policies and strategies outlined by the PAHO Directing bodies. The main duties are the technical and administrative management of the Program at the Regional level, with the coordination of needed research and all aspects related to planning, implementation and evaluation of immunization programs, including the research, development, production, quality control and introduction of improved and new vaccines. Responsible for inter-divisional coordination at the Central Office and with bilateral and multilateral agencies in all issues related to vaccines and immunization programs. Supervises a technical staff of 30 epidemiologists, vaccine research experts and technical officers and leads the PAHO's effort to eliminate measles from the Americas by the year 2000.

The Division has the main responsibility of improving the criteria for the adoption of policies governing immunization programs and of promoting the strengthening, development and production of high quality vaccines. To achieve these objectives the Division is composed of two technical programs:

a. The Expanded Program on Immunization, with the main functions of:

- Strengthening and support national surveillance systems for vaccine-preventable diseases, that operate in conjunction with adequate laboratory support systems, through the expansion of the regional network of diagnostic and quality control laboratories.*
- Promoting the application of new techniques to improve regional disease surveillance and developing electronic networks that make it possible to increase the speed with which suspected cases are reported and confirmed.*
- Expanding and improving vaccinations carried out by the public and private sectors, including non-governmental organizations (NGOs).*

- *Developing and strengthening public health laboratories and national, sub-regional and regional diagnostic laboratory networks.*
- *Supporting the vaccine supply and procurement systems to contain costs and increase availability of priority vaccines.*

b. Vaccine Technology Access, with the main functions of:

- *Support sub-regional and regional mechanisms for the regulatory harmonization of vaccines and promote the adoption of vaccine safety standards.*
- *Support the formulation of national and institutional research and health technology (vaccines) policies that will permit the development of the knowledge and technologies (vaccines) necessary for taking effective action in public health.*
- *Determine the disease burden and ensure cost-effective inclusion of vaccines against Haemophilus influenzae type b, MR, or MMR within basic vaccination series.*
- *Promote research and development of vaccines, in collaboration with public sector laboratories, ensuring that local vaccine production is economically and technically viable and adheres to good manufacturing practices, as well as national and international norms and standards.*
- *Promote the consortium of public laboratories that produce vaccines and the adoption of good manufacturing practices, and continuing the regional certification process for vaccine producers.*

2.2 From March 1994 to February 1999

Pan American Health Organization

*Title of Post: **Director, Special Program for Vaccines and Immunization***

Advised Member governments in all matters related to vaccines and immunization. This included issues related to vaccine research and development, production, quality control, vaccine licensing and introduction into national immunization programs. It also included the planning and implementation of programs aimed at the control and/or eradication of vaccine preventable diseases, including the organization of surveillance systems and laboratory support for diagnostics.

2.3 From March 1994 to June 1998

World Health Organization (WHO)

*Title of Post: **Special Advisor to the WHO Director General***

Appointment entailed advising the Director General on matters related to the to the implementation of the Global Program for Vaccines (GPV), representing WHO in the Children's Vaccine Initiative (CVI) Governing Bodies. Coordination with major interested parties in the areas of vaccine research, development, production and quality control and immunization delivery, including vaccine preventable disease control/eradication initiatives and surveillance This assignment was taken in conjunction with position held at the Pan American Health Organization.

2.4 From February 1977 to February 1994

Pan American Health Organization

*Title of Post: Senior Advisor on Immunization and
Head of the Expanded Program on Immunization for the Americas*

Advised the Member Governments in all matters related to the organization and implementation of immunization programs. During this period headed the successful effort that eradicated poliomyelitis from the Western Hemisphere.

2.5 November 1970 to January 1977

World Health Organization (WHO)

Title of Post: Medical Officer, Epidemiologist

Held the position of Chief Epidemiologist, Smallpox Eradication Program, Inter-Regional Project, based in Addis Ababa, Ethiopia. Technical and administrative supervision of the Smallpox Eradication Program in Ethiopia, with national and international staff that varied from 100 at the onset of the Program to nearly 1000 in its final successful stages. In January 1977 was transferred to PAHO to serve as advisor to the Communicable Diseases Department at PAHO on the elaboration of the technical background for implementation of the Expanded Program on Immunization in the Region of the Americas.

2.6 January 1967 to October 1970

Chief Medical Officer Altamira Health Center of the Brazilian Special Service for Public Health, located in the Amazon Region of Brazil and Senior Lecturer at the Department of Epidemiology of the National School of Public Health in Rio de Janeiro, Brazil .

PROFESSIONAL ACTIVITIES

Academic Service

1. **Associate Adjunct Professor**, Department of International Health, School of Hygiene and Public Health, The Johns Hopkins University. Since 1991.
2. **Adjunct Professor**, Department of Epidemiology and Biostatistics, School of Medicine, Case Western Reserve University. Cleveland, Ohio. From 1993-2002..
3. **Adjunct Professor**, Department of Tropical Medicine, School of Medicine, George Washington University, Washington, D.C., USA, Since 2001.
4. **Regents Lecturer**, University of California at Berkeley, 2001-2002.

Society Membership and Leadership

1. *American Public Health Association (APHA)*
2. *American Association for the Advancement of Science (AAAS)*
3. *Global Health Council (GHC)*
4. *American Society of Tropical Medicine and Hygiene (ASTMH)*
5. *European Society of Microbiology and Infectious Diseases (ESCMID)*
6. *New York Academy of Sciences (NYAS)*
7. *Cuban Pediatric Society, International Corresponding Member*
8. *Honorary Member of the Cuban Society of Hygiene and Epidemiology*
9. *Honorary Member of the Nicaraguan Pediatric Society*
10. *Honorary Member of the Spanish Association of Vaccinology*
11. *Member of the Institute of Medicine of the National Academies of the USA (Class of 2004)*
12. *Honorary Member of the Institute of Medicine of Mexico. Since 2005.*
13. *Honorary Member of the Spanish Pediatric Association. Since 2007.*

Participation on Advisory Panels and Boards

1. *Member of the Organizing Committee of the International Symposium on Measles immunization. Published in Reviews of Infectious Diseases. Volume 5, Number 3, May-June, 1983.*
2. *Member of the Organizing Committee of the International Symposium on Poliomyelitis Control. Published in Reviews of Infectious Diseases. Vol. 6, Supplement 2, May-June, 1984.*
3. *Member of the Task Force for Child Survival and Development, formed with representatives of WHO, UNICEF, the World Bank, UNDP and the Rockefeller Foundation, which coordinates global efforts on issues related to the growth and development of children in the world.*
4. *Member of the Scientific Advisory Council of the Sabin Vaccine Institute (SVI).*
5. *Member of the "Committee on Microbial Threats to Health" of the Institute of Medicine of the Academy of Sciences of the USA. 1991-1992.*
6. *Member of the "Committee on the Children's Vaccine Initiative: Strategies towards Full USA Participation" of the Institute of Medicine of the National Academy of Sciences of the USA. 1992-1993.*

7. *Member of the Institute of Medicine of the National Academy of Sciences "Steering Committee on the Children's Vaccine Initiative Continuing Activities".*
8. *Member of the Children's Vaccine Initiative Task Force on Priorities and Strategic Plans. 1992-1993.*
9. *Liaison member of the Consultative Group on Vaccine Development of the National Institutes of Health of the USA. 1990-1993.*
10. *Member of the Children's Vaccine Initiative Ad Hoc Committee on an Investment Strategy for Measles Control. 1992.*
11. *Technical Secretary of the PAHO EPI Technical Advisory Group. From 1985 to 2002.*
12. *Technical Secretary of the EPI Inter-Agency Coordinating Committee with representatives from PAHO, UNICEF, USAID, the Inter American Development Bank and Rotary International. From 1985 to 2002.*
13. *Member of the Secretariat of the Global Program for Vaccines and Children's Vaccine Initiative Scientific and Technical Advisory Group of Experts (SAGE).*
14. *Member of the Secretariat of the WHO Global Advisory Group and the Research and Development Group of EPI which meet annually to review the implementation of the program and its strategies. 1977-1993 (Replaced by the Scientific and Technical Advisory Group of Experts - SAGE - in 1994).*
15. *Member of the WHO EPI Technical Consultative Group. 1988-1993. From 1994, this group was incorporated into the Scientific and Technical Advisory Group - SAGE .*
16. *Member of the Task Force for the Program for Monitoring Emerging Diseases (ProMED). American Federation of Scientists.*
17. *Technical Advisor to the International PolioPlus Committee (IPPC) of the Rotary Foundation.*
18. *Consultant to the Department of Health, United Kingdom, on the Strategies for Measles Elimination in the United Kingdom. March, 1993 and April 1994.*
19. *Consultant to the Government of Catalunya, Spain, on the Strategies for Measles Elimination in the Catalunya. April, June and November, 1997*
20. *Consultant to the Department of Health, Australia, on the Strategies for Measles Elimination in Australia. November, 1997.*
21. *Consultant to the Government of Spain, on the Strategies for Measles for Measles Elimination in Spain. November 1998.*
22. *Member of the Board of Directors of the International AIDS Vaccine Initiative (IAVI).*
23. *Chairperson of the Independent Review Committee (IRC) of the Global alliance for Vaccines and Immunization (GAVI). From 2003-2008.*

24. *Chairperson of the Technical Advisory Group on Polio Eradication in Angola and Ethiopia, since 2002.*
25. *Chairperson, a.i. of the Technical Advisory Group on Polio Eradication in Egypt, 2002.*
26. *Member of the Technical Advisory Group on Polio Eradication in the Eastern Mediterranean Region of WHO, since 2002.*
27. *Chairperson of the Technical Advisory Group on Polio Eradication in the Horn of Africa. 2006.*
28. *Chairperson of the PAHO Technical Advisory Group on Vaccines and Immunization. Since 2004.*
29. *Member of the Advisory Board of the Constella Group. From 2006-2007.*
30. *Member of the International Advisory Committee of the CARSO Health Institute. Mexico City. Since 2006.*
31. *Member of the Commission on the Future of Vaccines for Latin America and the Caribbean. CARSO Health Institute, Mexico. Since 2007.*
32. *Member of the Board of Trustees of the Albert B. Sabin Vaccine Institute. Since 2005.*
33. *Member of the Scientific Advisory Board of the Novartis Vaccines Institute for Global Health. Siena, Italy. Since 2007.*

EDITORIAL ACTIVITIES

1. **Member of Peer Review Committee of the *Bulletin* of the Pan American Health Organization.**
2. **Editor of the PAHO Bi-monthly publication "*EPI Newsletter*". Since 1979.**
3. **Member of the Editorial Committee of the *Biomedical Journal*, Publication of the Regional Center for Biomedical Research "Dr. Hideo Noguchi" and the School of Medicine. Autonomous of University of Yucatan, Mexico.**
4. **Member of the Editorial Committee of *The Lancet Infectious Diseases*, 2001-2003..**

HONORS AND AWARDS

Honors

1. **Honored by International Physicians for the Prevention of Nuclear War (IPPNW) for the 10th Anniversary of Smallpox Eradication, for its contribution to that Program. Moscow, USSR.. 1987.**
2. **Medal of Appreciation in Recognition of Service. Vanderbilt University School of Medicine. Nashville, Tennessee. April 1995.**

3. **Polio Eradication Champion.** *The Rotary Foundation of Rotary International in "grateful appreciation of extraordinary effort on behalf of all the children of the world". The Capitol, Washington, D.C. May 1996.*
4. **Recognition** by the Mexican Association of Clinical Microbiology and Infectology, for his role in polio eradication and expansion of vaccine utilization in Latin America. May 1999.
5. **Recognition** by the Pan American Association of Infectology for "his efforts to eradicate polio from the American Continent". 5 May 1999.
6. **Recognition** by the Government of the State of Parana, Brazil, for his contribution to the Eradication of Smallpox in that State. Curitiba, Parana, Brazil. 19 October 1999.
7. **Fellow** of the American Association for the Advancement of Science (AAAS). Elected in 2000 for "efforts on behalf of the advancement of science or its applications which are scientifically and socially distinguished" and for the "tireless efforts in leading the initiative that eradicated poliomyelitis from the Western Hemisphere and for continued involvement in the program for the global eradication of this disease".
8. **Public Health Hero.** Bestowed by the President of Mexico for achievements in improving the health of peoples by vaccination. National Institute of Health. Cuernavaca, Mexico. 13 March 2002.
9. **Public Health Hero.** Bestowed by the Berkeley School of Public Health for his dedication in the fight against infectious diseases in the World. March, 2005.
10. **Doctor Honoris Causa.** Given by the Oswaldo Cruz Foundation (FIOCRUZ) of Brazil. For contribution towards the advancement of science and the health of the world's population. 2006.
11. **Doctor Honoris Causa.** Given by the Federal Foundation of Medical Sciences. Porto Alegre, Rio Grande do Sul, Brazil. 22 March, 2006.
12. **Honored** by the Federal University of São Paulo, Brazil, in recognition of relevant contributions to vaccinology at the national and international levels. 2006.
13. **Honored** by the Peruvian Society of Tropical and Infectious Diseases for the support to immunization programs in the Western Hemisphere. March, 2007.
14. **Honored** by the Pan American Infectology Association and by the Dominican society of Infectology for contributions to the health of the peoples of the American Continent. August 2007.

Awards

1. **Order of the Bifurcated Needle.** World Health Organization, "for his contribution to the Smallpox Eradication". Geneva, Switzerland, 1976.
2. **1987 World Health Day Award.** American Association for Public Health, "for outstanding commitment to polio eradication in the Americas and Universal Childhood Immunization". Washington, D.C. 1987.

3. **1988 Dean's Medal**, Johns Hopkins School of Hygiene and Public Health. For “Leadership and Achievement of Better Health for Children of the Americas”. Baltimore, Maryland, 1988
4. **1990 International Child Survival Award**. Presented by the U.S.A. Committee for UNICEF and the Carter Center, “for personal contribution to polio eradication”. Atlanta, Georgia. 1990.
5. **Paul Harris Fellow**. The Rotary Foundation of Rotary International. “In appreciation of tangible and significant assistance given to the furtherance of better understanding and friendly relations among peoples of the world”. Evanston, Illinois. October 1993.
6. **Order of Ponche Verde**. Degree of Official. Order established by the State of Rio Grande do Sul, Brazil to recognize individuals who have made “substantial contribution to the advancement of society”. Pôrto Alegre, Rio Grande do Sul, Brazil. September, 1993.
7. **1993 Prince Mahidol Award**. “In recognition of contribution toward the eradication of poliomyelitis from the Americas”. Bangkok, Thailand. 1994.
8. **Cesar Uribe Piedrahita Medal**, International Award of the National Institute of Health, “for contributions to International Health”. December, 1994. Bogota, Colombia.
9. **Order of Rio Branco**. Degree of “Comendador”. Conferred by the Government of Brazil “for services that benefited the health of the peoples of the World”. Embassy of Brazil in Washington, January 1997.
10. **Albert B. Sabin Gold Medal**. Annual Award that recognizes and honors those who have made exemplary contributions to the field of vaccinology and disease prevention. Conferred by the Albert B. Sabin Vaccine Institute for “his decades of dedication and work to prevent and eradicate disease throughout the Americas. Washington, D.C. 30 April 2000.
11. **Order of the Farrroupilha Merit**, bestowed by the Parliament of the State of Rio Grande do Sul, Brazil, for services benefiting the health of the populations. Porto Alegre, Rio Grande do Sul, Brazil, 2000.
12. **Order of Public Health**, awarded by the Government of Bolivia for his academic, scientific and institutional work benefiting the health of the population of Bolivia.
13. **Orden Civil de la Sanidad (Encomienda)**. Awarded by the Ministerio de Sanidad y Consumo. Government of Spain for work in favor of the health of the Spanish people. April, 2004.
14. **Institute Butantan Medal**. Bestowed by the Government of the State of São Paulo, Brazil, for his contribution to the strengthening of the Institute and advances in biomedical sciences. February 2005.
15. **Order of Bernardo O’Higgins**. Highest civilian order given by the Government of Chile. For work toward improving the health of the populations. 2005.

Named Lectureships

1. **1995 John Franklin Enders Lectureship in Virology.** *Infectious Diseases Society of America. San Francisco, California. 16 September, 1995.*
2. **Phyllis Lewander Memorial Lectureship Award.** *Children's National Medical Center. Washington, D.C. 15 May 1996.*
3. **1996 E.H. Christopherson Lectureship on International Health Award.** *American Academy of Pediatrics, October 1996.*
4. **1999 Jeryl Lynn Hilleman Endowed Lectureship of the CDC Foundation.** *National Immunization Conference. Dallas, Texas. 22 June 1999.*

PUBLICATIONS

Journal Articles (Peer Reviewed)

1. **de Quadros, CA, Morris, L., da Costa, EA, Arnt, N, Tigre, CH.** *Epidemiology of Variola Minor in Brazil based on a Study of 33 Outbreaks. Bull. Wld. Health Org. Vol. 46, 165-171. 1972.*
2. **de Quadros, CA, Weithaler, K, and Siemon, J.** *Active Search Operations for Smallpox: An Ethiopian Experience. International Journal of Epidemiology, Vol. 2, No. 3, 237-240. 1973.*
3. **Weithaler, K and de Quadros, CA.** *Zur Epidemiologie der Pocken in Atiopen. Arztliche Praxis, XXC Jahrgang No. 19, 841-844. 1973.*
4. **de Quadros, CA.** *More Effective Immunization. Proceedings of the Royal Society of London Vol. 209, 111-118, 1980.*
5. **de Quadros, CA.** *Appropriate Technology in the Extension of Immunization. World Health Forum, 2 (4) 1981.*
6. **de Quadros, CA, Carrasco, P, Umstead, W.** *EPI in the Americas Benefits for Revolving Fund. WHO Chronicle, 37 (3): 81-85. 1983.*
7. **de Quadros, CA, Coordinator.** *Seroconversion Rates and Measles Antibodies Titers Induced by Measles Vaccine in Latin American Children 6-12 Months of Age. Reviews of Infectious Diseases. Vol. 5 No. 3. May-June 1983.*
8. **Field, R., Carrasco, P, de Quadros, C A.** *Review of Photovoltaic Powered Refrigeration for Vaccines for Developing Countries. The Journal of Solar Cells. 1984.*
9. **Hinman, A, Foege, W, de Quadros, CA, Patriarca, PA, Orenstein, WA, and Brink, EW.** *The Case for the Global Eradication of Poliomyelitis. Bull. World Health Org. 65, No. 6:835-40. 1987.*

10. Halsey, N, Berry, S, Carrasco, P, **de Quadros, CA**, Martinez, J, Arroyo, JJ, Espana, VD, Duarte, E, Huertas, E, Cruz, JR., Sienko, D. *Field Evaluation of a Simplified Unit-Dose Syringe for Administration of Measles Vaccine. Reviews of Infectious Diseases. Vol. 11, S:631-638. 1989.*
11. da Silveira, C, **de Quadros, CA**. *Neonatal Tetanus: Countdown to 1994. World Health Forum, Vol. 12, pp. 289-296, 1991.*
12. **de Quadros, C A**, Andrus, JK, Olive, JM, da Silveira, CM., Eikhof, RM, Carrasco, P, Fitzsimmons, JW and Pinheiro, F. *Eradication of Poliomyelitis: Progress in the Americas. Journal of Pediatric Infectious Diseases. Vol. 10, No. 3:222-9. March 1991.*
13. Wright, P, Kim-Farley, R, **de Quadros, CA**, Robertson, SE, Scott, RM, Ward, NA and Henderson, RH. *Strategies for The Global Eradication of Poliomyelitis by the Year 2000. The New England Journal of Medicine. 325:1774-1779. December 19, 1991.*
14. **de Quadros, CA**, Andrus, JK, Olive, JM, de Macedo, CG and Henderson, DA. *Polio Eradication: The Experience in the Americas. Annual Review of Public Health. Vol 13:239-52.1992.*
15. Biellik, R., Bueno, H, Olivé, JM and **de Quadros, CA**. *Characteristics Associated with Poliomyelitis Case Confirmation for Use by National Eradication Programs. Bulletin of the World Health Organization, Vol. 70:79-84. 1992.*
16. Andrus, JK, **de Quadros, CA**., Olive, JM. *The Surveillance Challenge: Final Stages of Polio Eradication in the Americas. MMWR, International Surveillance Issue. CDC, Atlanta, Georgia. April, 1992.*
17. Andrus, JK., **de Quadros, CA**, Olive, JM, Hull, H F. *Screening for Acute Flaccid Paralysis For Polio Eradication: Ways to Improve Specificity. Bull. Wlrd. Hlth. Org. 70 (5):591-96,1992.*
18. **de Quadros, CA**., Olive, JM, Carrasco, P, Silveira, CA, Fitzsimmons, JW, Pinheiro, F. *Update: Eradication of Paralytic Poliomyelitis in the Americas. MMWR. Current Trends. Vol. 41/No.36. CDC. Atlanta, September 11, 1992.*
19. Berry, S, Hernandez, H, Kanashiro, R, Campos. M, Azabache, V, Gomez,G, Gutierrez, M, Weirs, B, **de Quadros, CA**, and Halsey, N. *Comparison of high titer Edmonston-Zagreb, Biken-CAM and Schwarz measles vaccines in Peruvian infants. J. of Pediatric Infectious Diseases Vol. 11, No. 10:822-27, 1992.*
20. Olive, JM., Roman, GC, Campos, P, Garcia-Castro, R., Kok, F, Molinero, M, Posadas, R., Ramirez, C, Rojas, L, and **de Quadros, CA**. *Incidence of Acute Flaccid Paralysis (AFP) and Guillain-Barré Syndrome (GBS) in children of Central and South America. Letter to the Editor. Annals of Neurology. December 1992.*
21. Tambini, G, Andrus, JK, Marques, E, Boshell, J, Pallansch, M, **de Quadros, CA**. and Kew, O. *Direct detection of wild poliovirus transmission by stool surveys of healthy children and analysis of community wastewater. The Journal of Infectious Diseases, 1993;168:1510-4. 1993 by The University of Chicago.*
22. **de Quadros, CA**., Henderson, D.A. *Disease Eradication and Control in the Americas. Biologicals (1993) 21, 335-343.*

23. **de Quadros, CA**, Andrus, JK, Olive, JM, Carrasco, P. *Poliomyelitis Eradication in Developing Countries. Proceedings of the Symposium on Strategies for World-Wide Control of Poliomyelitis and Eradication of the Poliovirus from the Human Population, with Application for Elimination of Polio in Europe.* Jerusalem, 16 february 1993. T.A. Swartz, Editor. *Public Health Reviews*, Vol. 21, 1-2:1-166, 1993-94.
24. Mas Lago, P, Ramon Bravo, J, Andrus, JK, Comellas, MM., Galindo, MA, **de Quadros, CA**, Bell, E *Lessons from Cuba: mass campaign administration of trivalent oral poliovaccine and seroprevalence of poliovirus neutralizing antibodies.* *Bull. Wrld. Hlth. Org.*, 1994, **72** (2):221-225.
25. **de Quadros, CA.**, Carrasco P and Olive, JM.. *Desired Field Performance Characteristics of New Improved Vaccines for the Developing World.* *International Journal of Technology Assessment in Health Care*, 1994, **10:1**, 65-70. 1994 Cambridge University Press.
26. Hull, HF, Ward, NA, Hull, BP, Milstien, JB, **de Quadros, CA.** *Paralytic poliomyelitis seasoned strategies, disappearing disease.* *The Lancet*, Vol.343, No.8909:1331-37. May 28, 1994.
27. Olivé, JM and **de Quadros, CA.** *Les Enjeux de la Vaccination: Eradication de la poliomyélite du continent américain.* *Cahiers Santé* 1994; **4**:151-5.
28. de Moraes, JC, León, ME, Souza, VA, Pannuti, C, Trivisanello, C, Halsey, NA. and **de Quadros, CA.** *Intradermal Administration of Measles Vaccines.* *Bulletin of the Pan American Health Organization.* Vol. 28;3:250-255. 1994.
29. Andrus, JK, Strebel, PM, **de Quadros, CA** Olivé, JM.. *Risk of Vaccine-Associated Paralytic Poliomyelitis in Latin America, 1989-1991.* *Bulletin of the World Health Organization*, 1995; Vol 73;1:33-40.
30. Olivé, J M., da Silveira, CM., Carrasco, P and **de Quadros, CA.** *Expanded Program on Immunization in the Americas: Update. Mini Review.* *Infectious Diseases in Clinical Practice.* 1995; Vol 4;3:157-161.
31. Henderson, DA. and **de Quadros, CA.** *The Albert Sabin Lecture: The Eradication of Poliomyelitis.* *Vaccines95:413-22.* Cold Spring Harbor Laboratory Press, 1995.
32. White, F, Smith, H., Benons, L, Lewis, M, **de Quadros, CA.**, Ragan, E. *Impact of Canada's International Immunization Program on Vaccine Preventable Diseases in the English Speaking Caribbean.* *Canadian Journal of Public Health.* 1995.
33. **de Quadros, CA.**, Olive, JM, Silveira, CM, Andrus, JK and Carrasco, PA. *Eradication of poliomyelitis from the Americas. The Jordan Report. Accelerated Development of Vaccines 1995.* National Institutes of Health, Bethesda, MD. 1995:49-54.
34. **de Quadros, CA**, Olivé, JM, Hersh, BS., Strassburg, MA., Henderson, DA., Brandling-Bennet, D, Alleyne, GAO. *Measles Elimination in the Americas: Evolving Strategies.* *Journal of the American Medical Association (JAMA)*, 17 January 1996, Vol 275, **3**:224-29.
35. **de Quadros, CA.** *Global Eradication of Poliomyelitis and Measles.* *Rev Biomed* 1996; **7**:237-239. Mexico.

36. **de Quadros, CA.** *The winter 1996 mass immunization campaign--is it the best strategy for South Africa at this time? S Afr Med J.* 1996 Sep;86(9):1130; discussion 1131.
37. Olivé, JM, Castillo, C, Garcia Castro, R, **de Quadros, CA.** *Epidemiologic Study of Guillain-Barré Syndrome in Children under 5 years of age in Latin America. The Journal of Infectious Diseases.* 1997; 175 (Suppl 1):S160-164.
38. Olivé, JM, Baptista Risi Jr., J and **de Quadros, CA.** *National Immunization Days: Experience in Latin America. The Journal of Infectious Diseases.* 1997;175 (Suppl 1)S189-193.
39. Pinheiro, FP, Kew, O, Hatch, MH, da Silveira, CM and **de Quadros, CA.** *Eradication of Wild Poliovirus from the Americas: Wild Poliovirus Surveillance - Laboratory Issues. The Journal of Infectious Diseases.* 1997;175 (Suppl 1):S43-49.
40. **de Quadros, CA,** Hersh, BS, Olivé, JM, Andrus, JK, da Silveira, CM and Carrasco, PA. *Eradication of Wild Poliovirus from the Americas: Acute Flaccid Paralysis Surveillance, 1988-1995. The Journal of Infectious Diseases.* 1997;175 (Suppl 1):S37-42.
41. Robbins, FC and **de Quadros, CA.** *Certification of Eradication of Indigenous Transmission of Wild Poliovirus in the Americas. The Journal of Infectious Diseases.* 1997;175 (Suppl 1):S281-285.
42. **de Quadros, CA.** *Global Eradication of Poliomyelitis. International Journal of Infectious Diseases.* 1997;Vol 1;3:127-29.
43. da Silveira, CM, Salisbury, DM and **de Quadros, CA.** *Measles Vaccination and Guillain-Barre Syndrome. The Lancet.* 4 January 1997; 349:14-16
44. di Fabio, JL, Homma, A, **de Quadros, CA.** *Pan American Health Organization Epidemiological Surveillance Network for Streptococcus Pneumoniae. Micr Drug Resistance,* 1997;3:131-133.
45. **de Quadros, CA.** *Global Eradication of Poliomyelitis and Measles. Editorial. Annals of Internal Medicine* Vol.127;No.2, 15 July 1997.
46. **de Quadros, CA.** *Message from the Pan American Health Organization. Editorial. Pediatrics & Child Health. The Journal of the Canadian Pediatric Society.* Vol 3 Suppl B. March/April 1998.
47. Hinman AR, Hersh, BS and **de Quadros, CA.** *Rational Use of rubella vaccine for the prevention of congenital rubella syndrome in the Americas. Pan Am J Pub Hlth.* 1998. Vol 4, No. 3;156-160.
48. Galindo, MA, Santin, M, Resik, S, Ribas, MA, Guzman, M, Mas Lago, P, Strassburg, M, Hersh, BS and **de Quadros, CA.** *The Elimination of Measles in Cuba. Pan Am J Pub Hlth.* 1998. Vol 4, No. 3;171-176. (Original: English).
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7. Olivé, JM, **de Quadros, CA**. *The Polio Eradication Initiative: An Opportunity for Costing EPI. Proceedings of the Second Symposium on Role of Cost Analysis in the Improvement of Planning and Management of EPI Programs. Paris, France, July, 1989.*
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 29. **Andrus, JK, Fitzsimmons, J, and de Quadros, C.A.** *Introduction of new and under-utilized Vaccines: Perspective from the Americas.* In *Recent Advances in Immunization, 2nd Edition.* PAHO Scientific Publication. 2006.
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 31. **Andrus, JK, Fitzsimmons, J, de Quadros, CA.** Introduction of New and Underutilized Vaccines : Perspectives from the Americas. *Recent Advances in Immunization, 2nd Edition,* pp. 114-126 (13). 2006. Publisher: Pan American Health Organization (PAHO).
 32. **Andrus, JK and de Quadros, CA.** Global Access to Vaccines: Deployment, Use, and Acceptance. Chapter in "AIDS Vaccine Development: Challenges and Opportunities. Chapter 18;133-137. Editors Wayne Koff, Patricia Kahn and Ian D Gust. Caister Academic Press. 2007.
 33. **de Quadros, CS.** The Whole is Greater: How Polio Was Eradicated from the Western Hemisphere. Chapter in "The Practice of International Health: A Case-Based Orientation, Edited by Daniel Perlman and Ananya Roy, pp. 54-69 (15). Oxford University Press, 2008.

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1. **de Quadros, CA.** *Roadmap for vaccinations in the new millenium. Review of "Vaccines", 3rd Edition. Edited by Stanley A Plotkin and Walter Orenstein. London: W B Saunders, 1999. Pp 1056 ISBN 0-7216-744-72. Review published in The Lancet, Vol 1354, No. 9194, 4 December 1999.*

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1. **de Quadros, CA, Schnur, A.** *EPI in the Americas World Health Magazine, 8-11 October 1980.*
2. **de Quadros, CA.** *Immunization: An Essential Component of Primary Health Care. Chronicles. A Forum of World Health Ideas. Vol.3, No 1. June 1983.*
3. **de Quadros, CA, de Macedo, C.** *Poliomyelitis Eradication: The Americas Takes the Lead. World Health Magazine. World Health Organization, December 1989.*
4. **Rust, JH, Olivé, JM, Andrus, JK., Carrasco, P, and de Quadros, CA.** *Non-Polio Infectious Paralytic Disease: A Review. Paper presented at III Global Polio Consultation Group Meeting, WHO, Geneva, Switzerland. May, 1990.*
5. **Alcalá, H, Olivé, JM, de Quadros, C A.** *The Diagnosis of Polio and other Acute Flaccid Paralysis. A Neurological Approach. Paper presented at VII Meeting of EPI Research and Development Group. Cairo, Egypt. 10-12 October 1990.*

TEACHING EXPERIENCE

Classroom Instruction

1. **Senior Lecturer** at the Department of Epidemiology. National School of Public Health, Rio de Janeiro, Brazil. 1970.
2. **Guest Faculty** at the VIII International Pediatric Course. Tegucigalpa, Honduras. 5-9 September, 1989.
3. **Guest Faculty** at Annual Course on Issues in International Health at the Uniformed Services University of Health Sciences. Bethesda, Maryland. Since 1990 to date.
4. **Guest Faculty** at the Annual Course on Eradication of Vaccine Preventable Diseases: Its Theory and Practice Kumamoto National Hospital Medical Center Kumamoto, Japan. Since October, 1991.
5. **Guest Faculty** at the Annual Course in International Health. Division of Geographic Medicine. Center for International Health. Case Western Reserve University School of Medicine. Since 1991.
6. **Guest Faculty** at the IX International Pediatric Course of the Pediatric Association of Honduras. 3-7 September, 1991.
7. **Guest Faculty** at the Harvard School of Public of Public Health on the Annual course: "Vaccine: Past,

Present and Future". Course Coordinated by Dr. Julia Walsh. From 1989 to 1994.

8. **Guest Faculty** at the Annual Meeting of the American Academy of Pediatrics. Session on Bringing International Health Back Home. Boston, MA. 1996.
9. **Faculty** at the Teleconference Series: Working Toward the Global Eradication of Polio. Sponsored by Montefiore Medical Center and the Albert Einstein College of Medicine. October 12, 1998-January 21, 1999.

PRESENTATIONS

Scientific Seminars and Meetings

1. "More Effective Immunization". The Royal Society. Meeting on More Technologies for Rural Health. Session on Methods, Equipment and Techniques for Rural Health and their Evaluation. November, 1979. London, England.
2. "The Expanded Program on Immunization". 15th National Immunization Conference. March 10-13, 1980. Denver, Colorado.
3. "Vaccination programs and strategies for the control of measles and poliomyelitis in Latin America". First International Conference on the Impact of Viral Diseases on the Development of Latin American Countries and the Caribbean Region. Session on Prevention and Therapy of Virus Diseases. 21-26 March, 1982. Rio de Janeiro, Brazil
4. "Progress of Immunization programs in Latin America and the Caribbean". Annual Meeting of the American Public Health Association. November, 1983. Dallas, Texas.
5. "Immunization Programs in Latin America and the Caribbean". Presentation at the VII Latin American Pediatric Congress and XIV Pan American Pediatric Congress and XXI National Pediatric Congress. November, 1984. Habana, Cuba.
6. "Expanded Program on Immunization and the Eradication of Polio from the Americas". Presented at the "Roundtable Discussion on Universal Child Immunization: The Future". April, 1986. Atlanta, Georgia.
7. International Health Seminars. National Council for International Health. Washington, D.C., September, 1986.
8. "Polio Eradication in the Americas". 21st Immunization Conference. Public Health Service. Centers for Disease Control. June, 1987. New Orleans, Louisiana.
9. "Immunization and Social Marketing". 14th Annual International Health Conference, National Council for International Health. Session: Influencing Health Behavior - Communication, Education and Marketing. 1987. Washington, D.C.
10. "Tetanus in the Americas". Eighth International Conference on Tetanus. August, 1987. Leningrad. USSR.

11. *"Global Polio Eradication". Keynote speech at the Rotary International Goodwill Meeting. 1988. Winnipeg, Canada.*
12. *"The PAHO Program to Eradicate Poliomyelitis from the Americas". 2nd International Conference on the Impact of Viral Diseases on the Development of Latin American Countries and the Caribbean Region. Chairman of Session on Control of Viral Disease: Programs and Costs. March, 1988. Mar del Plata, Argentina.*
13. *"Polio Eradication in the Americas". Institute of Medicine. National Academy of Sciences. Study on an Evaluation of Poliomyelitis Vaccine Policy Options. Presenter in Session on Relevant Worldwide Experience With Poliomyelitis and Vaccine Use. January, 1988. Washington, D.C.*
14. *"Polio Eradication: Fulfilling the first EPI Promise". Protecting the World's Children: An Agenda for the 1990's. International Health conference promoted by The Task Force For Child Survival. Tufts University European Center. March, 1988. Talloires, France.*
15. *"Poliomyelitis Eradication in the Americas". International Congress for Infectious Diseases and V Congress of Brazilian Society of Infectology. Workshop: Progress in Eradication of Selected Infectious Diseases in Latin America. 17-21 April, 1988. Rio de Janeiro, Brazil.*
16. *"Strategies for Eradication of Polio in the Americas". 15th International Health Conference. Ten Years after Alma Ata. Health Progress, Problems & Future Priorities. Session: EPI - Lead Horse or Trojan Horse of Primary Health Care. May, 1988. Washington, D.C.*
17. *"Poliomyelitis Eradication in the Americas". World Pediatric Congress. Chairman of Session on Vaccines: Future Trends and Presenter on session on Disease Control. July, 1988. Paris, France.*
18. *"Strategies for the Eradication of Poliomyelitis". 1988 Dean's Lecture. School of Hygiene and Public Health, JHU. December, 1988. Baltimore, Maryland.*
19. *"The Strategy and Status of Polio Eradication in the Americas". International Health Seminar. National Council for International Health. February, 1990. Washington, D.C.*
20. *"Lessons from Disease Eradication". Society of Alumni of the Johns Hopkins School of Hygiene and Public Health. Scientific Program on Future Directions for Child Survival. JHU. February. 1990. Baltimore, Maryland.*
21. *"Lessons Learned from Poliomyelitis Eradication". World Conference on Protecting the World's Children: A Call for Action. March 1-3, 1990. Bangkok, Thailand.*
22. *"Measles Elimination in the English speaking Caribbean". American Academy of Pediatrics. Committee on International Child Health. April, 1990. Chicago, Illinois.*
23. *"Polio Eradication: Lessons from the Smallpox Campaign". Annual Meeting of the Association of Schools of Public Health. April 1990. Washington, D.C.*
24. *"Poliomyelitis Eradication in the Americas". Annual Meeting of District Immunization Coordinators.*

December, 1990. London, England.

25. *"The Case for Advocacy and Partnership in Health". International Conference on Health, Education and Development: Reducing Infant Mortality and Improving the Health of the Undeserved in North Carolina, USA. North Carolina Central University. 16-19 January, 1991. Durham, North Carolina.*
26. *"Polio Eradication in the Western Hemisphere". Symposium on Vaccines at the 1991 Meeting of the American Association for the Advancement of Science (AAAS). February, 1991. Washington, D.C.*
27. *"The Impact of Child Survival Programs: Vaccine Preventable Diseases: Polio Eradication. Seminar on Child Health Priorities for the 1990's. JHU, June 20-22, 1991. Baltimore, Maryland.*
28. *"Global Eradication of Polio by the Year 2000". Keynote speech at the 82nd Annual Convention of Rotary International. June, 1991. Mexico City, Mexico.*
29. *"Methodology for poliomyelitis surveillance". Consultation on Surveillance of Poliomyelitis in Europe. 26-27 August, 1991. Veyrier-du-Lac, France.*
30. *"Disease Surveillance". The 1992 International Symposium on Public Health Surveillance: Guiding Solutions to Improving Health and Quality of Life. Speaker in the Session: Future Directions: Getting Surveillance on the Agenda for Public Health. CDC, Atlanta. April 22-24, 1992.*
31. *"Mobilization/Education for Immunization Days". Association of Junior Leagues International, Inc. Annual Conference. May 1992. New York, New York.*
32. *"New Trends in Immunization". World Congress of Pediatrics. Chairman, Immunization Progress and Advances. September, 1992. Rio de Janeiro, Brazil.*
33. *"Poliomyelitis Eradication". The World Conference on Poliomyelitis and Measles: Vaccines and Immunization. Keynote Speaker. 7-12 January 1992. New Delhi, India.*
34. *"Immunization and Health Policy Making". Johns Hopkins School of Hygiene and Public Health. Course on Policy Issues in Vaccine Development and Programs. Lecture in Session: International Immunization Programs: Policies and Controversies. January, 1993.*
35. *"Global Eradication of Poliomyelitis". Congress of the International Epidemiology Association. February, 1993. Jerusalem, Israel.*
36. *"Control/Elimination of Vaccine Preventable Diseases". Annual Meeting of County Immunization Coordinators. March, 1993. London, England.*
37. *"Strategies Implemented in the Americas". Strategy Meeting on Measles Control/Elimination in the United Kingdom. March, 1993. London, England.*
38. *"Eradicating Vaccine Preventable Diseases: A Historical Perspective". Immunization Symposium: Policy and Practice in the 1990's. April, 1993. Kansas, Missouri.*
39. *"The Role of Community Organization for Poliomyelitis Eradication". National Council for International*

- Health. 20th Annual International Health Conference: "Health and the Environment -Meeting the Challenge for Human Development". Forum on Community Organization and Action. June 1993. Alexandria, Virginia.*
40. *"Update on Poliomyelitis Eradication in the Americas". 27th National Immunization Conference. Centers for Disease Control and Prevention. Public Health Service. June 1993. Washington, D.C.*
 41. *"Strategies for vaccine-preventable diseases control/elimination in the Americas". National Meningitis Trust Meeting on "Bacterial Meningitis: progress towards elimination". 25-26 October 1993. Winchester, United Kingdom.*
 42. *"The Eradication of Poliomyelitis from the Americas". Third Meeting of the Children's Vaccine Initiative (CVI) Consultative Group (CG). Keynote speaker. 7-10 November 1993. Kyoto, Japan.*
 43. *"Control and Eradication of Diseases in the Americas". Lecture presented to the Department of Infectious Diseases of the School of Medicine of Duke University. November 1993. Durham, N.C.*
 44. *"Strategies to Poliomyelitis Eradication". First International Pediatric Grand Round. Georgetown University School of Medicine. December, 1993. Washington, D.C.*
 45. *"Disease Control/Elimination in the Americas". Fourth Annual Public Health Forum. The London School of Hygiene and Tropical Medicine. Vaccination and World Health. Keynote Author. April, 1994. London, England.*
 46. *"Strategies to eradicate poliomyelitis from Eastern Europe: the role of NGO's". Rotary International. 1994 President's Conference off Goodwill and Development. 7-8 April 1994. Geneva, Switzerland.*
 47. *"Strategies for Global Measles Control/Elimination". Joint Committee on Vaccination and Immunization (JCVI). April 1994. London, England.*
 48. *"Strategies for Disease Control and Elimination in the Americas". 28th National Immunization Conference. Centers for Disease Control and Prevention. Public Health Service. June 1994. Charlottesville, North Carolina.*
 49. *"The Eradication of Poliomyelitis in the Americas: A Template for the World". The 6th Frank and Bobby Fenner Conference in Medical Research. The John Curtin School of Medical Research. Australian National University. December, 1994. Canberra, Australia.*
 50. *"Immunizations in Latin America". Tokyo Women's Medical College. Department of International Affairs and Tropical Medicine. January, 1995. Tokyo, Japan.*
 51. *"Strategies for the Global Eradication of Poliomyelitis". Centennial Anniversary Lecture at the Massachusetts Public Health Laboratory. February, 1995. Boston, Massachusetts.*
 52. *"The global Eradication of Poliomyelitis". Vanderbilt University, School of Medicine. April, 1995. Nashville, Tennessee.*

53. *"Impact of Disease Eradication in the Health Infra-Structure: The Case of Poliomyelitis".III Brazilian Epidemiology Congress, II Ibero-American Epidemiology Congress and I Latin American Epidemiology Congress. April, 1995. Salvador, Bahia, Brazil.*
54. *"Strategies for Measles Elimination". 29th National Immunization Conference. Centers for Disease Prevention and Control. Public Health Service. May 1995. Los Angeles, California.*
55. *"Public Health Priorities in Latin America by the Year 2000".Harvard School of Public Health. Department of International Health. Hispanic/Spanish Alumni and Students Organization. May, 1995. Boston, Massachussets.*
56. *"Polio Eradication in the Western Hemisphere". Institute of Medicine and Centers for Disease Control and Prevention. Workshop on Poliomyelitis Vaccines. Session on History and Current Status of Poliomyelitis Eradication: Other American Experience. June 1995. Washington, D.C.*
57. *"The 1995 John F. Enders Lecturship in Virology". 33rd Annual Meeting of the Infectious Diseases Society of America. San Francisco, California. 16 September 1995.*
58. *"Disease Eradication: Lessons Learned, challenges ahead". Lecture delivered at "The Year of Louis Pasteur International Symposia: Vaccines, One Hundred Years after Louis Pasteur". Session XIII - Global Challenges. September 1995. Paris, France.*
59. *"Measles Eradication in the Americas". Presentation at the IV Consultative group Meeting of the Children's Vaccine Initiative. Sao Paulo, Brazil, 25-25 October, 1995.*
60. *"Poliomyelitis Eradication: Lessons from the Americas". Presentation at the 123rd Annual Meeting of the American Public Health Association. October 19-November 2, 1995. San Diego, California.*
61. *"Control and Eradication of Diseases with Vaccines". Commemorative Lecture at the 44th Annual Meeting of the American Society of Tropical Medicine and Hygiene. November 17-21, 1995. San Antonio, Texas.*
62. *"Eradication of Measles in the Americas". Keynote address to the XIV Inter-American Congress of Pediatric Infectology. November 29-December 2, 1995. Ciudad Juarez, Mexico.*
63. *"Control and Eradication of Vaccine Preventable Diseases". Lecture at the XI Binational Meeting (Mexico/USA), Texas Tech University. El Paso, Texas, 30 November 1995.*
64. *Eradication of Poliomyelitis and Measles. Lecture at the 96th General Meeting of the American Society for Microbiology. Colloquium on the Societal Impact of Viral Diseases. New Orleans, Louisiana. May 1996.*
65. *Global Eradication of Poliomyelitis. The Jenner Symposium, 7thInternational Congress for Infectious Diseases. International Society for Infectious Diseases. Hong Kong, 10-13 June 1996.*
66. *Strategies for the Global Eradication of Measles. CDC/WHO/PAHO Meeting on Advance in Measles Elimination. Atlanta, Georgia, 9-10 July 1996.*

67. *Global Eradication of Poliomyelitis and Measles. Georgetown University Medical Center Grand Rounds. Washington, D.C. , 4 October 1996.*
68. *Eradication of Poliomyelitis and Measles. Scientific Symposium:” Vaccine 2000”. Sponsored by Pasteur-Merieux-Connaught and the University of Toronto. Toronto, Canada, October 27-29, 1996.*
69. *Global Eradication of Poliomyelitis and Measles. Symposium in Tribute to Frederick C. Robbins. Department of Pediatrics, Case Western Reserve University School of Medicine and Rainbow Babies & Childrens Hospital of University Hospitals of Cleveland. Cleveland, Ohio, 1 November 1996.*
70. *Global Eradication of Poliomyelitis and Measles. Third Canadian Conference on International Health: Effectiveness in Health Development. Plenary Session: “Success Stories”. Ottawa, Canada. 12 November 1996*
71. *Measles elimination in the Americas: a model for the world? Global Immunization Symposium. The Jenner Auditorium, Rixensart, Belgium. 14 November 1996.*
72. *Eradication of Poliomyelitis and Measles. State of the Art Session, 20th Century Achievements in Tropical Disease Control. XIV International Congress for Tropical Medicine and Malaria: New Goals for the 21st Century. Nagasaki, Japan, November 17-22, 1996.*
73. *Eradication of Diseases and How to fulfill the Vaccine needs. CVI International Meeting and Jenner Commemoration. Kumamoto City, Japan, 25-26 November, 1996.*
74. *Going to Scale: Lessons from global health programs. Microcredit Summit. 2-4 February, 1997. Washington, D.C.*
75. *Global Eradication of Poliomyelitis and Measles. Grand Rounds at the New York Hospital-Cornell Medical Center. 6 February 1997. New York*
76. *Progress Towards the global eradication of poliomyelitis and measles. Dhalem Vorlesung. Free University of Berlin. 19 March 1997. Berlin, Germany.*
77. *Looking Ahead: Global Health & Development in the 21st Century. The International Development and Health Association/ Brown University. 7 April 1997. Providence, Rhode Island.*
78. *Impact on the Traveler of Worldwide Eradication of Polio and Measles. Consultants Meeting on Travel and Tropical Medicine. April 17-20, 1997. Dorado, Puerto Rico.*
79. *Eradication of Measles, in Immunizations: Progress and Update. Session held at the 1997 International Health Congress on Investment Strategies for Healthy Urban Communities: Innovative Partnerships for a Healthy Future. 15-16 September, 1997. Baltimore, Maryland. USA.*
80. *The Eradication of Polio and Measles in the Americas. Meeting on Strategies for Vaccine Protection in Developing Countries. October 16-17, 1997. Faculty of Medicine. Autonomous University of Mexico. Mexico City, Mexico.*

81. *Measles in Latin America: an Updated Overview. VII Latin American Congress of Pediatric Infectious Diseases and III Venezuelan Congress of Infectious Diseases. Caracas, Venezuela. 9-12 November 1997.*
82. *Coordinator of Round Table on "The Outbreak of Measles in the State of Sao Paulo". In 1st Immunization Symposium of the State of Sao Paulo, Brazil. 16-17 December 1997.*
83. *20 Years of the Expanded Program on Immunization. VI International State of the Art Vaccine Meeting. Madrid, 19-20 February 1998.*
84. *Measles Elimination. Conference on Global Disease Elimination and Eradication as Public Health Strategies. Emory Conference Center. Atlanta, Georgia. 23-25 February 1998.*
85. *Strategies for Measles Eradication. National Adult Immunization Conference. Omni CNN Hotel. Atlanta, Georgia. 3 March 1998.*
86. *Mass Campaigns and Disease Eradication in the Americas. Johns Hopkins University/UNICEF/Becton Dickinson Medical Symposium. Johns Hopkins School of Hygiene and Public Health.. Baltimore, Maryland. 11-12 March 1998.*
87. *The Eradication of Poliomyelitis and Measles. Infectious Diseases and Society. International Symposium on the occasion of the 40th Anniversary of the State University of New York at Stony Brook. Stony Brook, West Campus, April 23-24, 1998.*
88. *Present and Future of Immunization Programs in the Americas. XI Latin American Congress, XVIII Pan American Congress and XXXVIII Chilean Congress of Pediatrics. Santiago, Chile. 26 April 1998.*
89. *Worldwide Eradication of Poliovirus – Will it be achieved in the Next 5 Years?. Symposium "Updating Extended Programs on Immunization (EPI) for the Next Century" in the 8th International Congress on Infectious Diseases. Boston, Massachusetts, USA. 15-18 May 1998.*
90. *International Trends on Expanding Immunizations. In: Strategies of Immunizations in Venezuela: Past, Present, Future. Caracas, Venezuela. 29 September 1998.*
91. *The Eradication of Infectious Diseases – Global Success Stories. In: Emerging Infectious: Global Challenges...Local Solutions. Chicago, Illinois 6-7. October 1998.*
92. *The Global Eradication of Polio: Will it be Achieved by the Year 2000? Annual Lecture on the Frontiers of Science Series. University of Florida, Gainesville. 4 October 1998.*
93. *Status of Measles Eradication in the Americas: Progress and Challenges. I Congress of Infectology of the Southern Cone. Sao Paulo, Brazil. 19 October 1998.*
94. *Measles Eradication in the Americas: A Model for the World? In: Caring for Children in the 21st Century. Athens, Greece. 22-23 October 1998.*

95. *Measles Elimination in the Americas: A Model for the World? In: Global Immunization . Melbourne, Australia. 3-4 November 1998.*
96. *Vaccines and Immunizations: Needs and Opportunities in the Americas. Children's Vaccine Initiative Consultative Group Meeting. Geneva, Switzerland. 9-10 November 1998.*
97. *Activities of Eradication of Measles in the Americas. In: Technical Seminar on Measles Elimination. National School of Public Health. Health Institute Carlos III. Madrid, Spain. 27 November 1998.*
98. *Advance of the Expanded Program on Immunization (EPI) in the Americas. Presented at the Symposium on Vaccines: Role in Public Health Towards the XXI Century.. National Institute of Public Health. Cuernavaca, Mexico. 1-3 March 1999.*
99. *Measles and Poliomyelitis: the Protagonists for Global Eradication. Presented at the Symposium on Eradication of Infectious Diseases: Past and Future. 9th European Congress of Clinical Microbiology and Infectious Diseases. 22-24 March 1999. Berlin, Germany.*
100. *Immunization as an instrument for health equity. Presented at the Symposium on New Vaccines for Latin America in the Third Millennium. IX Pan American Congress of Infectology. 3-7 May 1999. Guatemala City, Guatemala.*
101. *Introduction of Vaccines into National Immunization Programs. Keynote Address presented at the Symposium on Combined Vaccines for the World's Children.. Barcelona, Spain. 28-29 June 1999.*
102. *Vaccines and Disease Eradication. Lecture presented at the Rollins School of Public Health. Emory University. Atlanta. Georgia. 8 July 1999.*
103. *Lessons from smallpox, polio and measles about disease control by vaccination. Keynote Address at the 1st Global Conference on Vaccines and Immunization into the Next Millenium. Co-Chair of the Conference. Manchester, United Kingdom. 6-9 September 1999.*
104. *The eradication of polio from Brazil. Keynote address at the meeting commemorating the 20th anniversary of polio eradication in Brazil. National Congress of Brazil. Brasilia, Brazil. 13 October, 1999.*
105. *Challenges for vaccinations in the next Century. Keynote address at the meeting commemorating the 30th anniversary of smallpox eradication in Parana State, Brazil. State G overnor's Palace. Curitiba, Parana, Brazil. 19 October 1999.*
106. *Eradication of Poliomyelitis in the Americas: How to proceed. XXV Workshop of the Children's Hospital Ricardo Gutierrez. Buenos Aires, Argentina. 21 October, 1999.*
107. *The fight against Measles in the Americas. XXV Workshop of the Children's Hospital Ricardo Gutierrez. Buenos Aires, Argentina. 21 October 1999.*
108. *Strategies to incorporate anti-Hepatitis B vaccine in national vaccination schedules in Latin America. XXV Workshop of the Children's Hospital Ricardo Gutierrez. Buenos Aires, Argentina. 21 October 1999.*

109. *Strategies for Global Eradication of Measles. IV Workshop of Continuing Education in Immunoprophylaxis. Santiago de Compostela, Galicia, Spain. 6 November 1999.*
110. *Strategies for Measles Eradication: the experience in the America. Workshop on Vaccines: Polio and Measles - Strategies for Eradication. Las Palmas de Gran Canarias, Spain. 8 November 1999.*
111. *Strategies for Measles Eradication: the experience in the Americas. Workshop on Vaccines: Polio and Measles - Strategies for Eradication. Santa Cruz de Tenerife, Spain. 9 November 1999.*
112. *Eradication of Measles in the Americas: A Model for the World? Presented at the IV National Congress of Vaccinology. National Academy of Sciences of Mexico. 29 November 1999, Mexico City.*
113. *Vaccinations into the Next Millenium. Keynote address at the IV National Congress of Vaccinology. National Academy of Sciences of Mexico. 29 November 1999, Mexico City.*
114. *Eradication of Infectious Diseases: Success from a Global Perspective. Presented at the Conference on Emerging Infectious: Global Challenges...Local Solutions, organized by the American Association of World Health and The Academy of Medicine of New Jersey. Princeton, NJ. 6 December 1999.*
115. *Vaccines and Immunization in the 21st Century. Presented at the 2nd Annual International Health Conference: Vaccination and World Health. A one-day conference to promote public awareness, scholarship and practical action in the field of international health. Sponsored by: UC Berkeley, UC San Francisco, Stanford University, California Public Health Association-North. Berkeley, California, 12 February, 2000.*
116. *Vaccine Financing and Procurement in the Americas: the PAHO Revolving Fund. Presented at the Institute for Global Health. San Francisco, California. 11 February 2000.*
117. *Lessons from Polio Eradication in the Americas. Presented at Symposium on the "Eradication of a Virus: Poliomyelitis" at the 2000 Annual Meeting and Science Innovation Exposition of the American Association for the Advancement of Science. Washington, D.C. 19 February 2000.*
118. *Accomplishments and Challenges on Vaccines and Immunizations in the Americas: The last 20 Years. Presented at the meeting organized by the Latin American Society of Pediatric Infections on Future Vaccines Needs for Latin America. Salvador, Bahia, Brazil. 28-29 February 2000.*
119. *Update on Measles Eradication in the Americas. Presented at the Centers For Disease Prevention and Control (CDC) Conference on Measles Elimination in the United States. Atlanta, Georgia, 16-17 March 2000.*
120. *Health Economics and Vaccination. Chairperson. Symposium held at the 9th Congress of the International Society for Infectious Diseases. Buenos Aires, Argentina. 13 April 2000.*
121. *Vaccine Safety: Experience in the Americas. Presented at the International Workshop on Vaccine Injury Compensation Programs. Washington, D.C. 18 May 2000.*

122. *Vaccination in the 21st Century: Promises and Challenges. Round Table on "New Approaches in the Development of Vaccines and Natural Products", held at the International Symposium on Perspectives of Biomedical Research in the XXI Century, held in celebration of the First Centenary of the Oswaldo Cruz Institute. Rio de Janeiro, Brazil. 26 May 2000.*
123. *Poliomyelitis Eradication: Experience in the Americas. Presented at the Public Health Seminar on the Elimination of Poliomyelitis: Present Situation and Perspectives. Department of Health and Social Security. Catalunya, Spain, 5 June 2000.*
124. *Global Poliomyelitis Eradication: the challenges ahead. Keynote address at the XXV Annual Congress of the Mexican Association of Clinical Microbiology and Infectious Diseases. Guanajuato, Leon, Mexico. 1 July 2000.*
125. *Achievements and Challenges of Vaccinations in the XXI Century. Plenary Lecture delivered at the XXV International Congress of Tropical Medicine and Malaria. Cartagena, Colombia, 22 August 2000.*
126. *Measles Eradication in the Americas. Plenary Lecture presented at the XXXI Brazilian Congress of Pediatrics. Fortaleza, Ceará, Brazil. 9 October 2000.*
127. *Global Polio Eradication: Remaining Challenges. Lecture presented at Annual Meeting of 2nd District of Rotary International. Newark, Delaware. 30 October 2000.*
128. *Progress towards Global Polio Eradication. Lecture presented at Monthly Meeting of Rotary Club of Jacksonville, Florida. 7 November 2000.*
129. *Eradication of Polio and Measles: promises and challenges. Lecture presented at Duval County Medical Society. Naval Hospital. Jacksonville, Florida. 7 November 2000.*
130. *Interagency Coordination for Global Immunizations. Lecture presented at First Meeting of Partners of the Global Alliance for Vaccines and Immunization (GAVI). Nordwick, the Netherlands. 20-21 November 2000.*
131. *Vaccines and Immunization in the XXI Century. Lecture presented at Immunization Workshop during the XII Latin American Congress of Pediatrics. Montevideo, Uruguay. 29 November 2000.*
132. *Introduction of Vaccines into National Immunization Programs: essential considerations. Workshop during the XII Latin American Congress of Pediatrics. Montevideo, Uruguay. 29 November 2000.*
133. *Progress towards Rubella and Congenital Rubella Syndrome Control/Elimination in the Americas. Lecture presented at Board Meeting of March of Dimes. New York, NY. 1 December 2000.*
134. *Progress on Measles Eradication in the Americas. Lecture presented during IV National Immunization Conference. Halifax, Canada. 3 December 2000.*
135. *Interagency Collaboration for Measles Eradication. Keynote address at the American Red Cross Meeting on Advocacy for Measles Control. Washington, D. C. 18 January 2001.*

136. *Viral Disease Eradication: History and Prospects. Keynote Address at Institute of Medicine Workshop on The Consequences of Viral Disease Eradication. The Forum on Emerging Infectious. Washington, D.C. 1-2 February 2001*
137. *OPV Vaccine-derived outbreak in Hispaniola. Presented at the quarterly meeting of the Advisory Committee on Immunization Practices (ACIP). Atlanta, Georgia, 21 February 2001.*
138. *Future Challenges on Polio Eradication. Closing Address at the Poliomyelitis Symposium held by the Canadian Public Health Association, the Canadian Agency for International Development and Aventis Pasteur. Ottawa, Canada. 8 March 2001.*
139. *Polio's Last Stand: Lessons for TB Elimination. Keynote speech at the 6th Annual conference of the International Union Against Tuberculosis and Lung Disease, North American Region. Chicago, 1 March, 2001.*
140. *Measles Eradication: the experience in the Western Hemisphere. Presented at the Consultation Meeting on New Measles Vaccine Candidates. Baltimore, Md. 21-22 March 2001.*
141. *Vaccines and Immunization in the XXI Century. Presented at the X Pan American Congress of Infectology. Guadalajara, Mexico. 2 May 2001.*
142. *Enhancing Partnerships for Immunization. Presented at the 35th National Immunization Conference. Atlanta, Georgia. 30 May 2001.*
143. *Implications of the Polio vaccine-derived outbreak in Hispaniola to the global poliomyelitis eradication. Presented at the "Vaccinology 2001 Congress" organized by the Latin American Society of Pediatric Infectology and the Pan American Society of Infectology. Cancun, Mexico. 7 June 2001.*
144. *Strategies for Measles Eradication. Presented at the National Institute of Health of Japan. Tokyo, Japan, 26 July 2001.*
145. *History of Smallpox Eradication. Presented at Celebration of 50 Years of last case of Smallpox in Mexico. Ministry of Health, Mexico City, Mexico, 10 August 2001.*
146. *Vaccines and Immunization: challenges for the next decade. Presented at the National Immunization Conference. Brasilia, Brazil, 4 September 2001.*
147. *The Eradication of Viral Diseases: History and Prospects. Presented at the Conference on the Evolution and Eradication of Viral Human Pathogens. Free University of Berlin. Berlin, Germany, 12-13 October 2001.*
148. *Vaccine-Preventable Diseases Pose Formidable Challenges – Polio in Haiti. Presented at the 39th Annual Meeting of the Infectious Diseases Society of America. San Francisco, California, 27 October 2001.*
149. *Present Status of Global Polio Eradication: the Challenge ahead. Presented at the First Meeting of the Spanish Vaccinology Association. Cadiz, Spain, 15 November 2001.*

150. *Partnerships for Immunization Programs: towards a United Vision. Keynote speech at opening of 8th Canadian Conference on International Health. Ottawa, Canada, 19 November 2001.*
151. *Immunization policies for the post-polio eradication. Presented at the Annual Immunization Conference of the State of São Paulo, Brazil. Serra Negra, São Paulo, Brazil, 7 December 2001.*
152. *Polio Re-emerges in the Americas: Vaccine-Derived Outbreak in Hispaniola. Presented at the 41st Interscience Conference on Antimicrobial Agents and Chemoterapy of the American Society of Microbiology. Chicago, Illinois, 18 December 2001.*
153. *Measles Eradication: The Americas Lead the Way. Presented at the Second Meeting of the International Task Force on Disease Eradication. The Carter Center. Atlanta, 24-25 January 2002.*
154. *Health as a Bridge for Peace. Presented at Congressional Briefing organized by the Global Health Council. United States Congress. 30 January 2002.*
155. *Measles Eradication: Western Hemisphere Update. Presented at the 2nd Meeting of Partners for Measles Advocacy. American Red Cross National Headquarters. Washington, D.C. 5-6 February 2002.*
156. *Hundred Years of Vaccines and Immunization in the Americas. Keynote speech at the PAHO Centennial Celebration. Ministry of Health, The Bahamas. 15 February 2002*
157. *Polio Outbreak in Dominican Republic an Haiti: Lessons learned. Presented at the IV Brazilian Symposium on Vaccines. Rio de Janeiro, Brazil. 22-23 March 2002.*
158. *The eradication of polio from the Western Hemisphre. Keynote address at the Robert C. Bird Sciences Center of West Virginia University/Charleston Division. Charlotte, WV. 25 April 2002.*
159. *Immunization in the Americas: Successes and Challenges. Keynote address at the 36th National Immunization Conference". Denver, Colorado. 29 April 2002.*
160. *Measles Eradication in the Americas: Lessons learned. Presented at Meeting of Measles Experts. Seoul, Korea. 1-3 May 2002*
161. *The eradication of Measles: strategies and perspectives. Presented at Symposium on Eradication of Diseases during the 102nd General Meeting of the American Society for Microbioloy. Salt Lake City, Utah. 20 May 2002.*
162. *Measles Eradication in the Americas. Presented at the Workshop on Vaccines during the 4th Congress of Pediatric Infectology. Buenos Aires, Argentina. 29 May, 2002.*
163. *Rubella and Congenital Rubella Syndrome: diseases to be eradicated. Presented at the 4th Congress of Pediatric Infectology. Buenos Aires, Argentina, 30 May, 2002*
164. *Measles: factors to be considered in an eradication program. Presented at the 4th Congress of*

- Pediatric Infectology. Buenos Aires, Argentina. 30 May, 2002.*
165. *Smallpox and its prevention. Presented at Workshop on Bioterrorism during the 4th Congress of Pediatric Infectology. Buenos Aires, Argentina. 30 May 2002.*
166. *Impact of Vaccines on Public Health: Successes and Failures. Keynote address during Third Advanced Vaccinology Course. Annecy, France, 5 June 2002.*
167. *The global eradication of poliomyelitis and measles. Presented at the Congress of Vaccinology. Murcia, Spain. 7 June 2002.*
168. *100 Years of Vaccines and Immunization in the Americas. Keynote address at the “Conference on Vaccines, Prevention and Public Health: A Vision for the Future”. Pan American Health Organization. Washington, D.C., November 2002.*
169. *Is Global Measles Eradication Feasible? Presented at the “Conference on Vaccines, Prevention and Public Health: A Vision for the Future”. Pan American Health Organization. Washington, D.C. November 2002.*
170. *History and Prospects of Disease Eradication. Presented at Symposium Waldthausen III. Impfdefizite in Deutschland – was ist zu tun? Mainz, Germany, 16-17 May 2003.*
171. *“Building Sustainable AIDS Vaccine R&D and Delivery Infrastructure in Developing Countries”. Presented at Round-Table discussion organized by the International AIDS Vaccine Initiative (IAVI) at the European Parliament. Brussels, Belgium, 17 July 2003.*
172. *“Vaccine Preventable Diseases”. Presented at the meeting on “Improving Population Health: Implementation Success Stories from Developing Countries”. Cuernavaca, Mexico, 21-22 June 2003.*
173. *“Historia y Perspectivas para la Eradicacion de Enfermedades Virales”. Lecture given during the presentation of the 2nd Edition of the book entitled “Vacunas Preventivas – principios y aplicaciones”, edited by Dr. Lluís Salleras. Academia de Medicina. Barcelona, Spain, July, 2003.*
174. *“Global Eradication of Measles”. Keynote Address given at the opening ceremony of the First Global Meeting on Reducing Measles Mortality. Cape Town, South Africa, 14 October 2003.*
175. *“History of Smallpox Eradication”. Keynote Address given at the meeting commemorating the 30th Anniversary of the National Immunization Program in Brazil. Salvador, Bahia, Brazil. 18 November 2003.*
176. *“Logros Históricos de los Programas de Inmunización”. Presentation at the VIII Jornadas Galegas de Formación Continuada en Inmunoprofilaxe. La Coruña, Spain. 29 November 2003.*
177. *“Measles Eradication: The experience in the Americas”. Presented at the meeting entitled “Elimination of Measles – An International Symposium”, Tokyo, Japan, 17 January 2004.*
178. *“Rubella Control Activities in the Americas”. Paper presented at the Seminar on Rubella Control in Africa. Johannesburg, South Africa. March, 2004.*

179. *“Lessons learned from the Immunization Programs in the Americas”*. Paper presented at the EUROLAC 2004. Recife, Brazil. April, 2004.
180. *“Control of Vaccine Preventable Diseases”*. Lecture at the Vaccinology Course held in Hospital del Val d’Hebron, Barcelona, Spain. April, 2004.
181. *“Eradication of Measles: Success and Challenges”*. Paper presented at the European Society of Pediatric Infectious Diseases. Tampere, Finland. May, 2004.
182. *“What is needed to simplify vaccination in the developing world and why?”*. Paper presented at the 7th Annual Conference on Vaccine Research. National Research Council. Arlington, Virginia. June, 2004.
183. *Eradication of Diseases: What is fundamental?*. Conference presented at the Brazilian Congress of Tropical Medicine. Florianópolis, Brazil, 23 February, 2005.
184. *Rubella Elimination: The experience in the Americas. The Hilleman Lecture*. 39th National Immunization Conference. Washington, D.C. 21 March, 2005.
185. *New Mechanisms and Global Strategies for Public Health*. Presented at the Symposium: Child Survival and Immunizations in Developing Countries. Barcelona, Spain. 30 March, 2005.
186. *Reducing Infant Mortality: The Role of Immunization*. Conference presented on Seminar: New Proposals for Reducing Infant Mortality in Low Income Countries Barcelona, Spain. 31 March, 2005.
187. *Eradication of Vaccine Preventable Diseases: Is it possible and cost-beneficial?* Lecture presented at the BioVision World Life Sciences Forum. Lyon, France. 12 April 2005.
188. *Incentivizing the Vaccine Industry to produce vaccines for the big three killers: malaria, HIV and TB*. Round-Table discussion at the World Vaccine Congress 2005. Montreal, Canada. 19 April 2005.
189. *Health Economics of Universal Rotavirus Vaccination in Latin America and the Caribbean*. Lecture presented at the World Vaccine Congress 2005. Montreal, Canada. 20 April 2005.
190. *Steps to introduce a new vaccine into a national immunization schedule*. Lecture at Congress of Argentine Pediatric Association. Mendoza, Argentina, 28 April, 2005.
191. *Poliomyelitis: How to proceed in Latin America?* Lecture presented at Congress of Argentine Pediatric Association. Mendoza, Argentina, 28 April, 2005.
192. *The impact of Rotavirus in the World*. Lecture presented at the II Course on Vaccines for the New Millennium. Santiago, Chile. August, 2005.
193. *Experience with Disease Eradication and Vaccines for the New Millennium*. Keynote Address presented at closing of II Course on Vaccines for the New Millennium. Santiago, Chile. August, 2005.
194. *Impact of Rotavirus Disease in the World*. Scientific Seminar on Rotavirus Vaccines. Santiago,

Chile, 7 September 2005

195. *Impact of Rotavirus Disease in the World. Scientific Seminar on Rotavirus Vaccines. Scientific Seminar on Rotavirus Vaccines. Buenos Aires, Argentina, 8 September 2005.*
196. *The Value of Vaccines. Keynote address at the GSK Standalone Global Conference on the Value of Vaccines. Prague, Czech Republic. 29 November- 1 December 2005.*
197. *Reflexions on Social Medicine. Inaugural Lecture at the 45th Anniversary of the Federal Foundation Medical Sciences School of Rio Grande do Sul, Brazil. 22 March, 2006.*
198. *The Value of Vaccines. Keynote address at the Latin American Pneumococcal Conference. Merida, Mexico. 25 March, 2006.*
199. *The importance of Pneumococcal Disease in Latin America. Presented at Latin American Pneumococcal Conference. Merida, Mexico. 26 March, 2006.*
200. *Vaccinology: Past, Present and future. Presented at the Symposium commemorating the 30th Anniversary of Biomanguinhos, Fiocruz. Rio de Janeiro, Brazil, 2-3 May 2006.*
201. *Eradication of Vaccine Preventable Diseases: Is it possible and cost-beneficial? Presented at the First International Symposium on Vaccines. São Paulo, Brazil, 2-3 June 2006.*
202. *The Value of Vaccines. Presented at the First International Symposium on Vaccines. São Paulo, Brazil, 2-3 June 2006.*
203. *Vaccinology: Past, Present and Future. Keynote presentation at the VI Specialized Course on Pediatrics, Department of Pediatrics, Federal University of São Paulo, Brazil. 7-9 September, 2006.*
204. *Histories of Smallpox: The Horn of Africa. Lecture presented at the Wellcome Trust. London, England. 2 May, 2007.*
205. *Vaccines and Immunization: Successes and Challenges. Keynote presentation at Congress of Latin American Society of Pediatric Infectious Diseases. San José, Costa Rica. 8 May 2007*
206. *Histories of the global Smallpox Eradication: The Horn of Africa – Ethiopia. The Wellcome Center for the History of Medicine. University College of London. May, 2007.*
207. *The State of Immunization Delivery in Latin America. The Palio Meeting. Global Partnership for Vaccination. Novartis Vaccines Institute for Global Health. Siena, Italy, July 2007.*
208. *Vaccines, the greatest achievements of Biomedical Science and Public Health: the example of the Americas. 25th International Congress of Pediatrics. ICP 2007, Athens, Greece, August 2007.*
209. *The impact of Rotavirus and the Benefits of Vaccination. XXI National Congress of the Spanish society of Extramural Pediatrics and Primary Care. Barcelona, Spain, October 2007.*

210. *Vaccines and Immunization: Past, Present and Future. Vaccinology Seminar Series, Western Michigan University November 2007.*
211. *Vaccines for the World: Rotavirus and Pneumococcus. Vacunas 2008, XII Course. Barcelona, April 2008.*
212. *From global to Regional: The importance of Pneumococcal Disease in Latin America. Latin American Pneumococcal Conference. Buenos Aires, Argentina. May 2008.*
213. *Eradication of Rubella and Congenital Rubella Syndrome: Lessons from the Americas. II International Vaccine Symposium. São Paulo, Brazil. August 2008.*
214. *Optimization and Support for Immunization Programs. International Vaccine Symposium. São Paulo, Brazil. August 2008.*
215. *The feasibility of global Measles Eradication. Presentation at Case Western University. 26 September, 2008*
216. *Overview of Global Immunization Issues. Technical Advisor's Meeting. International Pediatric Association (IPA). Boston, October 2008.*
217. *Pneumococcal Disease: the problem and the solutions. Presentation at Wyeth Vaccines. Philadelphia, November 2008.*
218. *The Present Situation of the Global Polio Eradication. Presentation at the Aga Khan University. Karachi, Pakistan., 30 January, 2009.*
219. *Combating childhood Pneumonia and Meningitis: the role of advocacy. Presentation at the Aga Khan University. Karachi, Pakistan, 30 January, 2009.*
220. *The Value of Vaccines. Presentation at the Second Pan Arab Pediatric Infectious Disease Society Meeting. Amman, Jordan, 5-8 May, 2009.*
221. *Polio Eradication: The final challenges. Presentation at the Second Pan Arab Pediatric Infectious Disease Society Meeting. Amman, Jordan, 5-8 May, 2009.*

Faculty Senate Meeting
Monday, December 21, 2009
3:30-5:30 p.m. – Adelbert Hall, Toepfer Room

AGENDA

3:30pm	Approval of Minutes from the November 17, 2009 Faculty Senate meeting, <i>attachment</i>	C. Musil
3:35pm	President's Announcements	B. Snyder
3:40pm	Provost's Announcements	B. Baeslack
3:45pm	Chair's Announcements	C. Musil
3:45pm	Report from the Executive Committee	A. Levine
4:05pm	Report from Secretary of the Corporation	J. Arden-Ornt
	Interim Report from <i>ad hoc</i> SAGES Review Committee	C. Covault
	Senate Consideration of Changes in Academic Policies?	?