

Charles E. Rozek, Ph.D  
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## EDUCATION

B.S.	Michigan State University	6/67 - 6/71
Ph.D.	Wayne State University	9/75 - 10/79

## PROFESSIONAL EXPERIENCE

11/1/04 – Present	Dean of Graduate Studies, CWRU
7/1/93 - Present	Associate Chair, Department of Biology, CWRU
7/1/89 - Present	Associate Professor of Biology, Case Western Reserve University, Cleveland, Ohio
9/83 - 6/30/89	Assistant Professor of Biology, Case Western Reserve University, Cleveland, Ohio
11/79 - 8/83	Postdoctoral Research Associate in the laboratory of Dr. Norman Davidson, Department of Chemistry, California Institute of Technology

## NATIONAL SERVICE

2004 – Present	Member of the Ohio Board of Regents Committee on Graduate Education.
1997 - 2000	Panelist/Reviewer, Howard Hughes Medical Institute Predoctoral Fellowships in Biological Sciences
1998 - 2000	Associate Chair, Molecular Genetics Section, Howard Hughes Medical Institute Predoctoral Fellowships in Biological Sciences

## DEPARTMENTAL SERVICE

1983 – Present	Member of numerous Biology Faculty Selection Committees
1986 – 2004	Biology Graduate Affairs Committee
2001 - 2004	Biology Graduate Affairs Committee (Chair)
1983 - Present	Academic Advisor
1984 - 2004	Chair, Biology Graduate Brochure Committee
1985 - 2004	Chair, Biology Graduate Admissions Committee
1989 - Present	Freshman Advisor
1990 – 2002	Biology Representative to Biomedical Sciences Training Program (BSTP), Graduate Program Education and Advising Committee (GEPAC)
1992 - 1995	Interviewer of Potential CWRU Undergraduates
1994 - 1996	Self-Study Committee (Chair)
1995 - 2002	Curriculum Enhancement Committee
1995 - Present	Biology Faculty Representative on Committee for Renovation of Millis/Biology Buildings
1994 - Present	Director of Summer Program for Undergraduate Research (SPUR)
1998 - Present	Coordinator of Michelson-Morley Undergraduate Research Competition Symposium
1998 - 2002	Principal Investigator of Howard Hughes Medical Institute Grant for Undergraduate Education in Biology
2002- Present	Co-Principal Investigator of Howard Hughes Grant.
2003 – 2004	Search Committee for Developmental Biologist

## UNIVERSITY SERVICE

2004 – Present	Member of the Provost's Research Council
2004 – Present	Member of the Dean's Council
2004 - Present	Member of the Undergraduate Upper Cohort Committee
1986 - 1987	Member, Case Executive Committee
1986 - 1987	Member, Western Reserve Executive Committee
1989 - 1990	Undergraduate Admissions Reviewer of Applications

1989 - 2000 University Speakers Bureau  
 1992 - 1993 Secretary of the Faculty of Mathematics & Natural Sciences  
 1992 - 1993 Ex-Officio Member, Mathematics & Natural Sciences Executive Committee  
 1994 Interviewer for Adelbert/Squire Scholarships  
 1994 Biology Representative, Women in Science Forum, College of Wooster  
 1995 - 2000 Member, Minority Recruitment Committee (CWRU Medical School)  
 1996 - 1999 Faculty Senate Committee on Academic Standing  
 2001 - 2002 Member of Interview Committee for Dean of Freshman Undergraduate Studies  
 2002 - 2003 Member of Interview Committee for Dean of Sophomores in Undergraduate Studies  
  
 1997 - 1999 Arts & Science Representative on Dean of Graduate Studies Selection Committee for  
 Assistant Dean of Graduate Studies  
 1999 - 2000 Associate Deans Committee on Cooperative Education  
 1998 - 2004 Research Mentor in Bridges to Success in the Sciences Program with Cuyahoga Community  
 College  
 2001 - 2004 Member of Career Center Advisory Committee.  
 2001 - 2004 Member of Provost's Undergraduate Experiences Committee  
 2001 - 2004 Member of Faculty Senate Committee on Benefits and Compensation.  
 2001 - 2004 Member of Ad-Hoc Committee to Establish Student Transition from Cuyahoga Community  
 College to CWRU.  
 2003 - 2004 SAGES Senior Capstone Committee.  
 2004 Faculty Member of Undergraduate Academic Integrity Board

## PROFESSIONAL ORGANIZATIONS

AAAS  
 Council of Graduate Schools

## TEACHING

1983 - 1985 Biology 550 - Seminar in Molecular Biology  
 1984 - 1989 Biology 333/433 - Molecular Biology  
 1986 - 1987 Biology 301/401 - Genes & Genetic Engineering - Team taught section  
 1997 Biology 301/401 - Genes & Genetic Engineering - Replaced C. Cullis while on sabbatical  
 1983 - 2004 Biology 313 - Genetics Laboratory  
 1989 - 2002 Biology 308/408 - Molecular Biology - Genes & Genetic Engineering  
 1993 - 2002 Biology 211 - Cell & Molecular Biology Lab - Course Administrator  
 1999 Biology 395 - Research Discussions  
 2002 - Present Biology 214 - Genes and Evolution  
 2002 - Present Biology 326/426 - Genetics

### Publications:

Crough, E. M. and Rozek, C E. Tissue Specific Organization of Sarcomeric and Cytoplasmic Myosin Heavy Chain Isoforms During Embryonic Development. In Preparation.

Crough, E. M. and Rozek, C. E. . Localization of Sarcomeric Mhc Isoforms to Mitotic Spindles in the Synthial Blastoderm of Drosophila Embryos. In preparation.

Croniger, C.M., and Rozek, C. E. . Convergent Transcription: A Novel Mechanism Which Modulates Alternative Polyadenylation of the Drosophila Myosin Heavy Chain mRNAs. In preparation.

Kula, M. E. and Rozek, C. E. 2000. Expression and Translocation of Drosophila Encoded Cytochrome  $\Delta 5$  Proteins to Mitochondria. Insect Biochemistry & Molecular Biology 30:927-935.

Kula, M. E., Agnosti, E. R., and Rozek, C. E. 1995. Evolutionary Divergence of the Cytochrome  $b_5$  Gene of Drosophila. J. Mol. Evol., 41:430-439.

- Crough, E. M., Kazzaz, J. A., and Rozek, C. 1994. The Tissue Specific Organization of the *Drosophila* Myosin Heavy Chain Isoforms. Insect Mol. Biol., 3:15-26.
- Kazzaz, J. A., and Rozek, C. E. 1989. Tissue Specific Expression of the Alternately Spliced *Drosophila* Myosin Heavy-Chain Messenger RNAs. Developmental Biology 133:550-561.
- Levin, R. J., Boychuck, P. L., Croniger, C.M., Kazzaz, J. A., and Rozek, C. E. 1989. Structure and Expression of a Muscle Specific Gene Which is Adjacent to the *Drosophila* Myosin Heavy-Chain Gene and can Encode a Cytochrome b Related Protein. Nucleic Acids 17: 6349-6367.
- Rozek, C. E. and Davidson, N. 1986. Differential Processing of RNA Transcribed from the Single Copy *Drosophila* Myosin Heavy Chain Gene Produces Four Messenger RNAs which Encode Two Polypeptides. Proc. Natl. Acad. Sci. USA 83:2128-2132.
- Davidson, N., Falkenthal, S., and Rozek, C. E. 1986. Alternative Splicing as a Mechanism for Generation of Muscle Protein Diversity in *Drosophila*. In UCLA Symposia on the Molecular Biology of Muscle Development, C. Emerson, D. Fishman, B. Nadal-Ginard, and M.A.Q. Siddiqii, eds. (New York: Academic).
- Rozek, C. E. and Davidson, N. 1983. *Drosophila* has One Myosin Heavy Chain Gene and Three Developmentally Regulated Transcripts. Cell 32:23-34.
- Rozek C. E. and Timberlake, W. E. 1980 Absence of Evidence for Changes In Messenger RNA Populations During Steroid Hormone-Induced Differentiation in *Achlya*. Exp. Mycol. 4:33-47.
- Rozek, C. E. and Timberlake, W. E. 1979. Optimal Conditions for Synchronous Oospore Production in Crosses of *Achlya ambisexualis*. Exp. Mycol. 3: 378-381.
- Rozek, C. E. and Timberlake, W. E. 1979. Restriction Endonuclease Mapping by Crossed Contact Hybridization: The Ribosomal Genes of *Achlya ambisexualis*. Nucleic Acids Research 7:1567-1578.
- Hari, V., Siegel, A., Rozek, C., and Timberlake, W. E. 1979. The RNA of Tobacco Etch Virus Contains Poly(A). Virology, 92:568-571.
- Law, D.J. Rozek, C.E., and Timberlake, W.E. 1978. Polyadenylate Metabolism in *Achlya ambisexualis*. Exp. Mycol. 2:198-210.
- Rozek, C.E., Orr, W.C., and Timberlake, W.E. 1978. Diversity and Abundance of Polyadenylated RNA from *Achlya ambisexualis*. Biochemistry, 17:716-722.

#### ADDITIONAL INFORMATION:

Graduate Training Record in my laboratory:

Name	Pre/Post	Training Period	Degree	Year	Institution
Schen, M.	Pre	8/97 – 5/00	M.S.		CWRU
Crough, E.	Post	11/95 - 12/96	Post-Doc		CWRU
Crough, E.	Pre	9/89 - 10/95	Ph.D.	10/95	CWRU
Kula, M.	Pre	9/88 - 1/95	Ph.D.	1/95	CWRU
Croniger, C.	Pre	1/85 - 1/92	Ph.D.	1/92	CWRU
Anagnosti, E.	Pre	8/88 - 1/92	M.S.	1/92	CWRU
Levin, R.	Pre	8/86 - 1/89	M.S.	1/89	CWRU
Kazzaz, J.	Pre	8/83 - 5/89	Ph.D.	5/89	CWRU

Undergraduate Training Record of HHMI Funded Students:

Nicole Carpenter 2004 – Present. (Bridges) Studies on Gene Divergence in *Drosophila*  
Taunya Rock 2003 – 2004 (Bridges) Studies on Gene Divergence in *Drosophila*  
Marabel Gonzalez, 2002 – 2003. (Bridges) Studies on Gene Divergence in *Drosophila*  
Natasha Perez, 2001, (Bridges) *Drosophila* Genome Project  
Jeff Nelson, 2000, (SPUR) *Drosophila* Genome Project  
Mariella Gonzalez, 1999, (Bridges) *Drosophila* Genome Project  
Leokadia Okress, 1999, (Bridges) *Drosophila* Genome Project  
Lisa Ellis, 1998, (SPUR) *Drosophila* Genome Project  
Missy Schen, 1997, (SPUR) Zebra Mussel Development  
Megan Byrne, 1996, (SPUR) Zebra Mussel Development  
Beth Spencer, 1995, (SPUR) Zebra Mussel Development  
Lisa Kucharski, 1994, (SPUR) Zebra Mussel Development  
Jennifer Weber, 1993, (SPUR) Parathyroid Receptor Structure  
Anton Woo, 1992, (SPUR) Parathyroid Receptor Structure  
Stephanie Vokits, 1991, (SPUR) Myosin Heavy Chain Gene Regulation