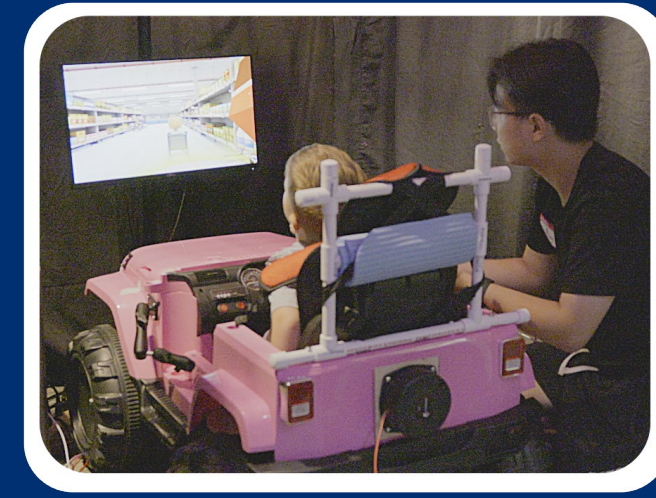


# The Ripple Becomes a Wave: A Scholar's Journey to Broad Translational Impact

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## Translational Outcomes (TSBM)



KL2-supported research generated translational outcomes across multiple TSBM domains, including **stimulation-based rehabilitation therapies, software platforms for hand therapy, technology-enabled and home-based care delivery, and documented licensing activity.**

## TSBM survey:

Self-reported translational outcomes attributable to KL2-supported research.

## Bibliometrics (Dimensions.ai)

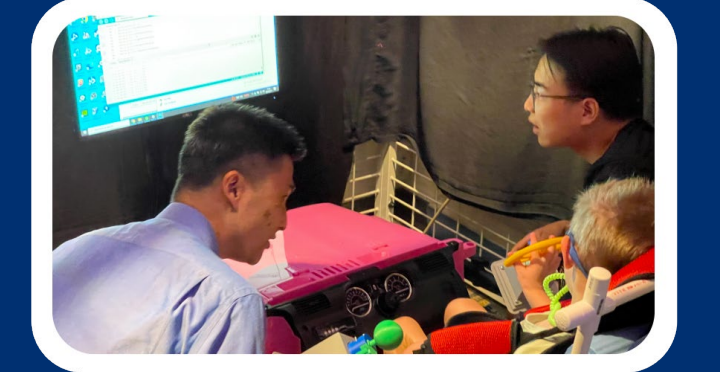


Since the initiation of KL2 training, the scholar has produced **22 peer-reviewed publications, 8 patents, and 1 clinical trial**, with **319 total citations** (median = **14.5 per publication**) and a **mean Relative Citation Ratio of 1.14**, indicating above-average **scientific influence.**

## Bibliometrics (Dimensions.ai):

Publications and citations extracted February 2026; analyses limited to outputs from 2012 onward.

## Altmetric Data:



**11 of 22 publications** demonstrated measurable public and professional reach, with a total **Altmetric Attention Score of 39**, reflecting dissemination beyond academic audiences.

## Research Reach (Altmetric):

Altmetric attention scores were used to quantify dissemination and engagement beyond traditional academic citations.

## BACKGROUND



Michael J. Fu, PhD

The KL2 program supports early-stage investigators in achieving independence as translational scientists. However, traditional bibliometric measures frequently do not reflect the program's broader impact. This poster evaluates the translational impact of KL2 training on Dr. Michael Fu, using 2012 as the baseline year to assess research products and influence, translational outcomes, and career advancement.

## METHODS

The methods were designed to capture translational ripple effects by linking early KL2-supported outputs to subsequent scholarly, clinical, policy, and leadership outcomes, using longitudinal, multi-source data collected from 2012 to the present.

Scan QR to watch Michael Fu's episode of *Stories of Impact*



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## Career Progression:

Career progression, academic rank, and appointments verified via ORCID and institutional records, with 2012 as the baseline.

## Career Advancement:



Following KL2 training (2012–2016), the scholar achieved **academic independence**, with promotion to **Associate Professor in 2017**, consistent with the **intended KL2 career trajectory.**

## Policy Impact (Overton.io):

Policy citations linked to KL2-supported publications (2012 onward).

## Policy Impact (Post-KL2)



Policy tracking identified **5 policy documents** across **3 sources** citing **3 post-KL2 publications**, including **3 clinical guideline documents**, demonstrating policy and practice uptake.

## DISCUSSION

**KL2-anchored trajectory:** Evaluation of progress since the initiation of KL2 support in 2012 demonstrates a clear transition from mentored career development to sustained research independence.

**Independent translational program:** Following KL2 support, Dr. Fu established an independent research program in technology-enabled rehabilitation, as demonstrated by ongoing publications, patents, clinical trial activity, interdisciplinary collaborations, and promotion to Associate Professor.

**Multidimensional translational impact:** Outcomes included scholarly output, technology development, healthcare delivery innovation, licensing activity, broad dissemination to public and professional audiences, and early integration into policy and clinical guidelines.

**Implications for KL2 programs:** These findings indicate that KL2 training accelerates the advancement of early-stage investigators toward independent careers, resulting in sustained translational impact across NCATS translational stages.

## ACKNOWLEDGMENTS

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