The following presentation was given at the 20th Annual Conference for the National Institute for the Study of Transfer Students. In some cases, photos have been removed to avoid possible copyright infringement. Please cite responsibly and direct questions to the original presenter(s).

*Facilitated Discussion*

## 2323 - It's Not Rocket Science: Developing Cohort Programs to Foster Success for STEM Transfer Students

Transition Programs and Services, Diversity and Inclusion

This interactive session will provide an opportunity for learners to discuss the unmet needs of STEM transfer students and brainstorm best practices tried and tested by session attendees. The needs and resulting transition programs of the University of California, Berkeley College of Engineering will be used as a case study. These programs support students' academic success, professional development, and personal wellness while fostering a strong sense of community within and across cohorts.

**Nicole McIntyre**, *Manager of Transfer Success Initiatives*
**Tiffany Reardon**, *Associate Director for Engineering Excellence Programs*

University of California, Berkeley

# It’s Not Rocket Science:

# Developing Cohort Programs to Foster Success for STEM Transfer Students

Berkeley
Engineering

# Introductions

**Tiffany Reardon**
Associate Director
Engineering Excellence Programs

**Nicole Evans McIntyre**
Manager
Transfer Success Initiatives

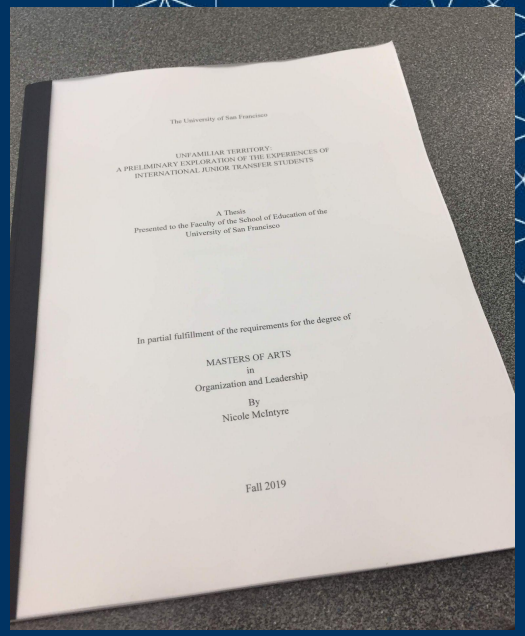
Berkeley Engineering

ENGINEERING ESS STUDENT SERVICES

# Why Are We Here?

MESA®

IEEE
Advancing Technology for Humanity


The University of San Francisco

UNFAMILIAR TERRITORY
A PRELIMINARY EXPLORATION OF THE EXPERIENCES OF
INTERNATIONAL JUNIOR TRANSFER STUDENTS

A Thesis
Presented to the Faculty of the School of Education of the
University of San Francisco

In partial fulfilment of the requirements for the degree of

MASTERS OF ARTS
in
Organization and Leadership

By
Nicole McIntyre

Fall 2019

Skyline COLLEGE
ACHIEVE

ASEE
AMERICAN SOCIETY FOR ENGINEERING EDUCATION

Berkeley Engineering

T-PREP
Transfer Pre-Engineering Program

Berkeley EECS
ELECTRICAL ENGINEERING & COMPUTER SCIENCES

# What challenges do your STEM transfer students experience?

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# Challenges

## At community college

- Understanding transfer process
- Understanding major
- Developing a strong application

## At four-year university

- Building community
  - With fellow transfers
  - With frosh-admit students
- Connecting with faculty
- Academic preparation & gatekeeper courses
- Declaring major
- Limited time to graduate
  - Competing priorities

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# Challenges

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# What has your campus done to address these challenges?

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# Berkeley Engineering Transfer Initiatives

- Transfer-to-Excellence Summer Research Program
- T-PREP
- Transfer Link & Transfer Link 2.0 classes
- Transfer Mentor Program
- Transfer Ambassador Program

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# It Works!

## Berkeley Engineering Transfers

- Graduation rate: 92.3%
- One-year retention rate: 96.3%
- Two-year retention rate: 93%
- Exceeds the campus average for other colleges and disciplines.

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Engineering

# Let's Stay in Touch!

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