

# MCCORMICK UNDERGRADUATES

A talented diverse population

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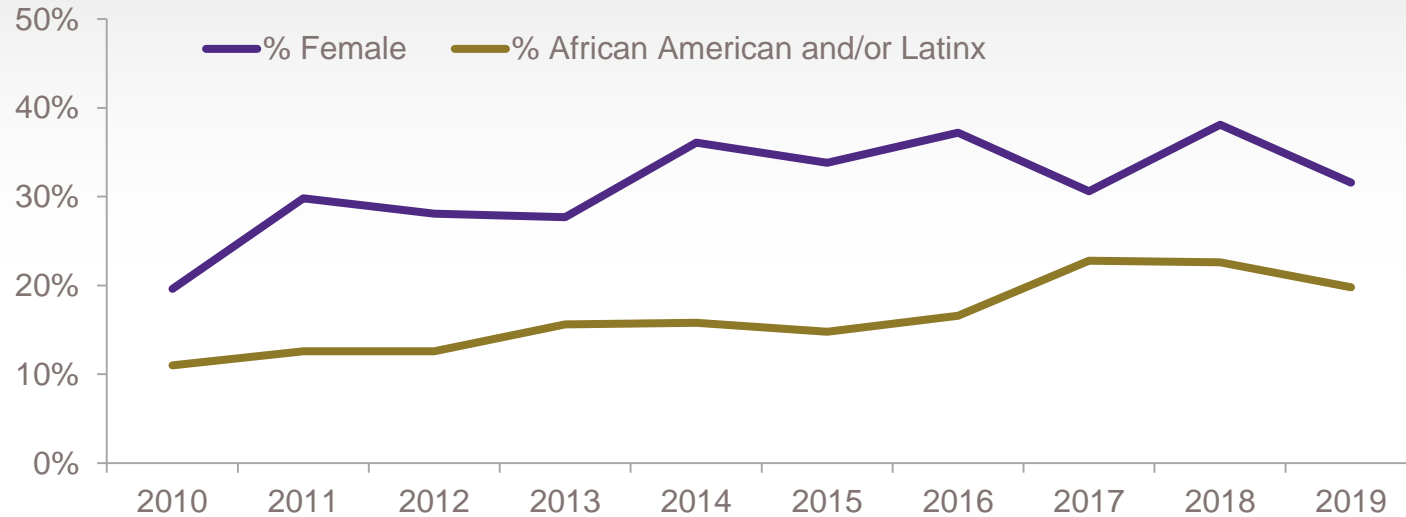
Northwestern | McCormick School of  
ENGINEERING

# Topics

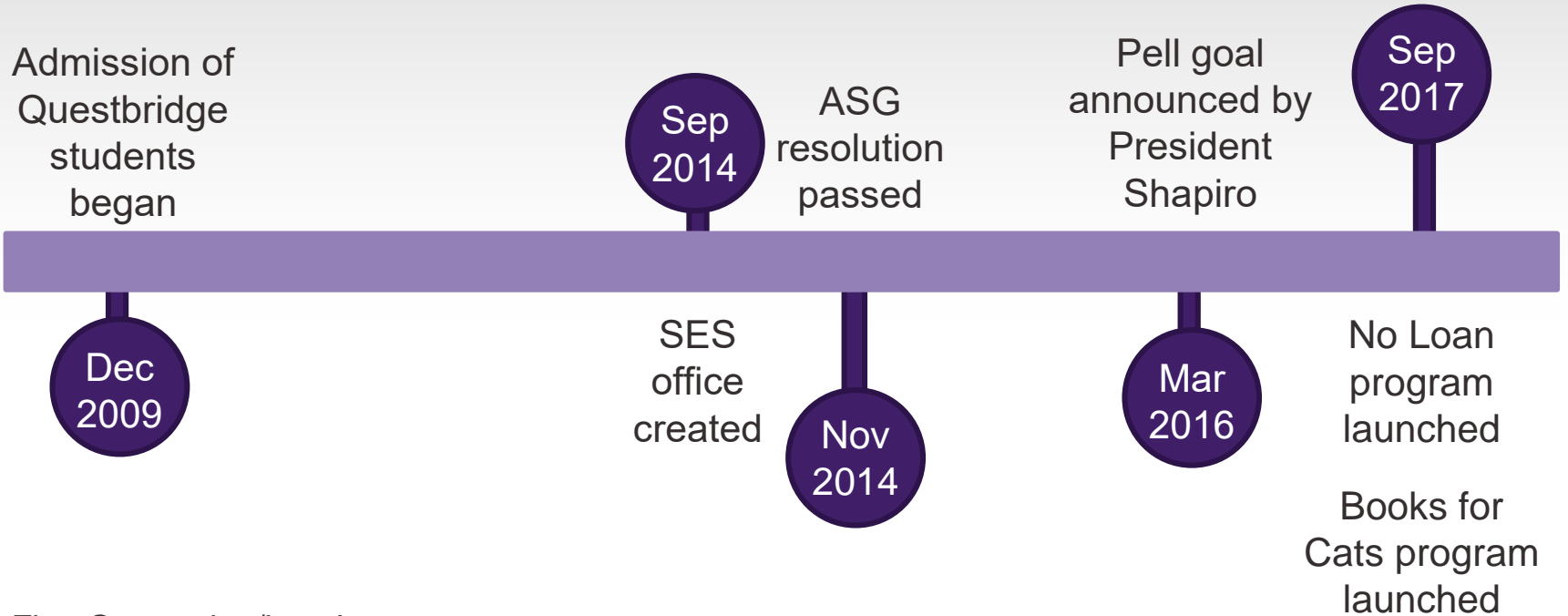
- 10-year trends for enrolling first year McCormick students
  - Gender
  - Race and ethnicity
  - First generation and/or low-income (FGLI) status
- Support for first generation and/or low-income students within McCormick

# Undergraduate Trends

## Enrolling First Year McCormick Students



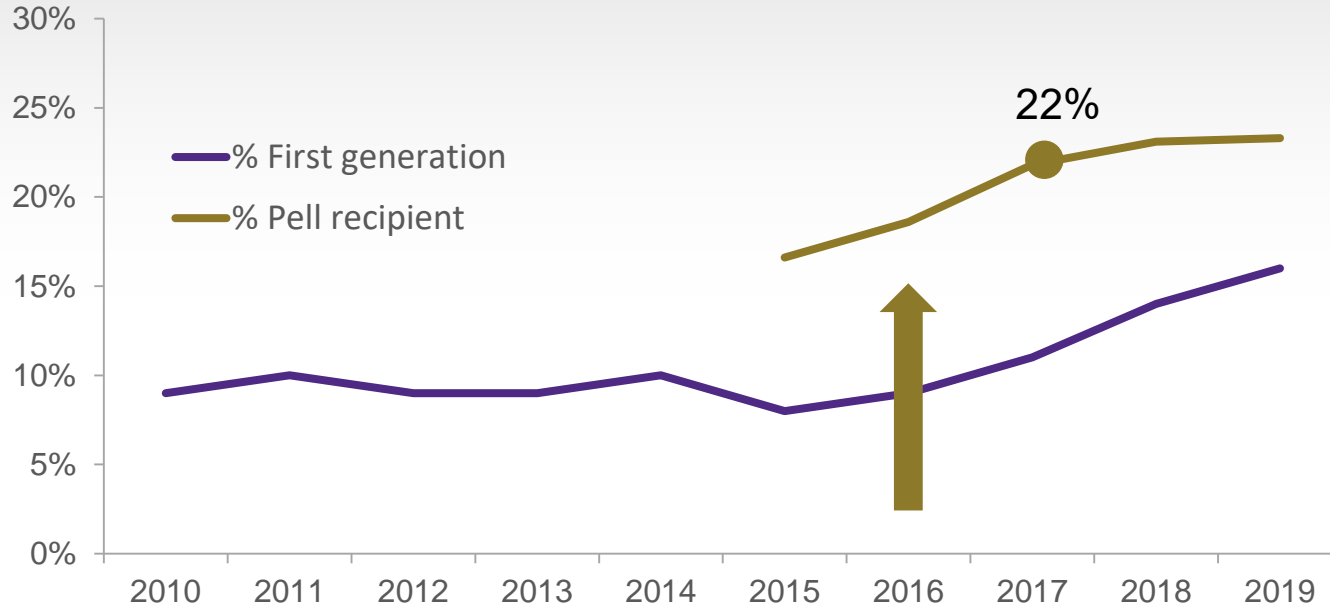
# Timeline: FGLI\* Services



\* First Generation/Low Income

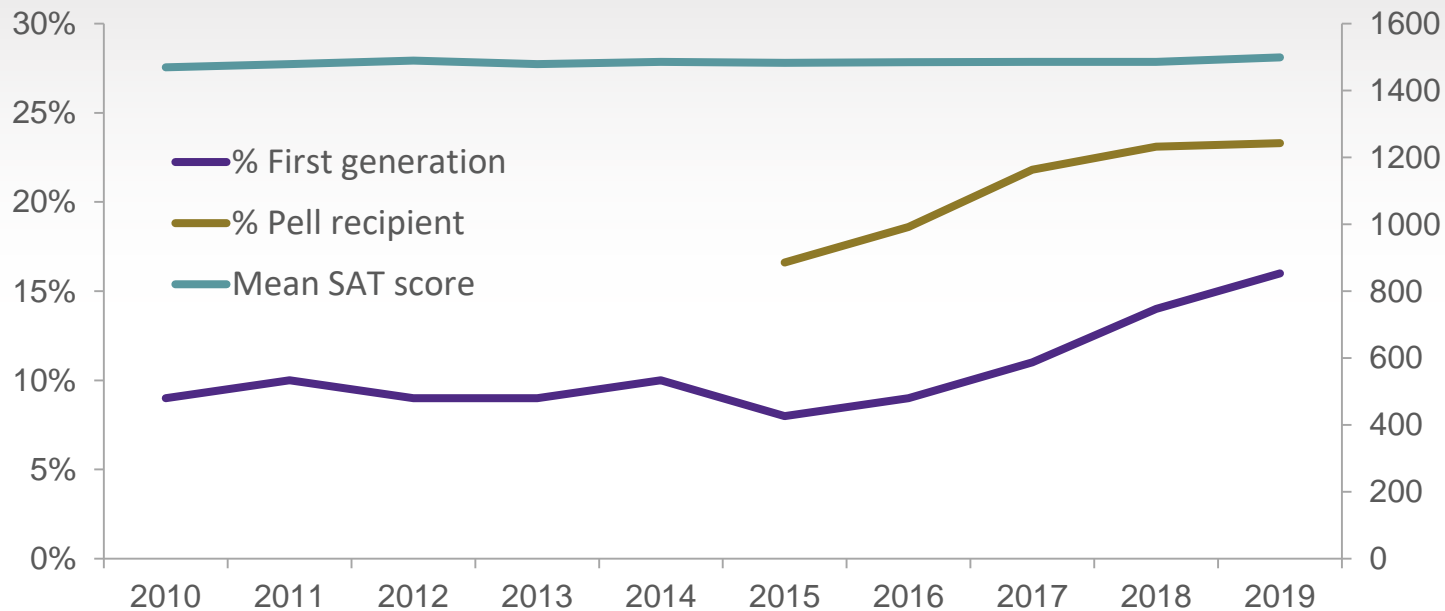
# Undergraduate Trends

## Enrolling First Year McCormick Students



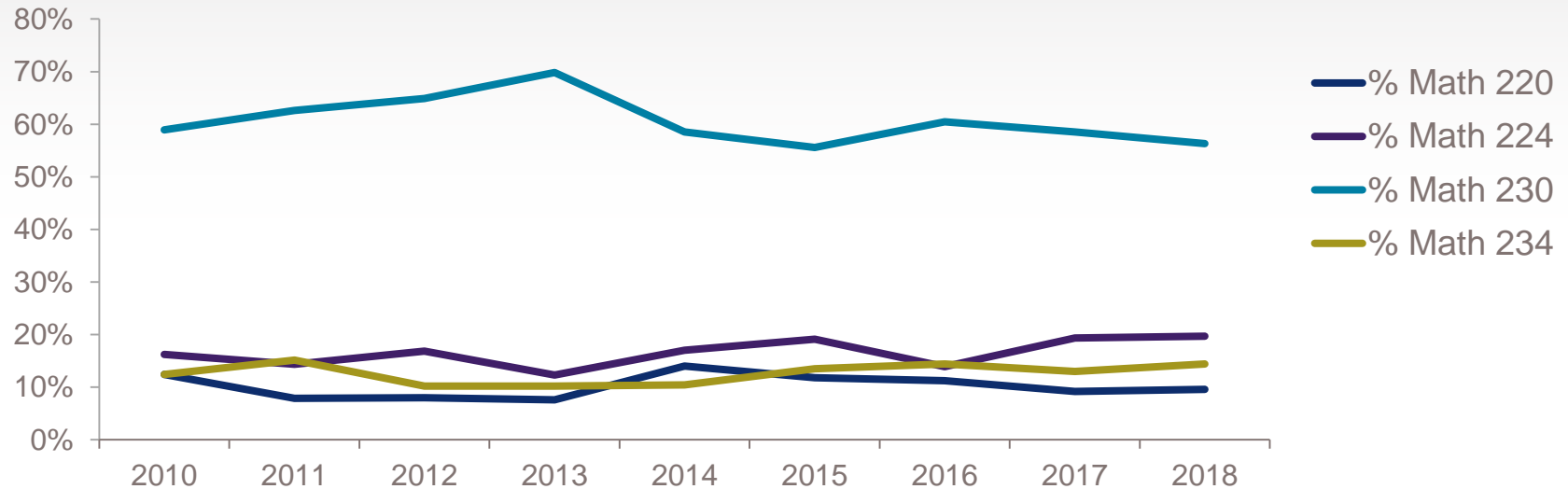
# Undergraduate Trends

## Enrolling First Year McCormick Students



# Calculus Trends

## Enrollment & Completion for McCormick First Year Students in Fall Quarter Math Classes



# Social Capital

- Defined as social relations from which an individual may derive various types of institutional resources and support (Stanton-Salazar, 2011)
- Impacts:
  - Academic success (Gandara, 1999; Perna, 2004; Zweigenhaft, 1993)
  - Persistence (Deil-Amen & Rosenbaum, 2003; Longden, 2004)
  - Choice of college major (Porter & Umbach, 2006)
  - College experience (Aries & Seider, 2005; Pascarella et al., 2004; Walpole, 2003)



# Hodge EXCEL Scholars



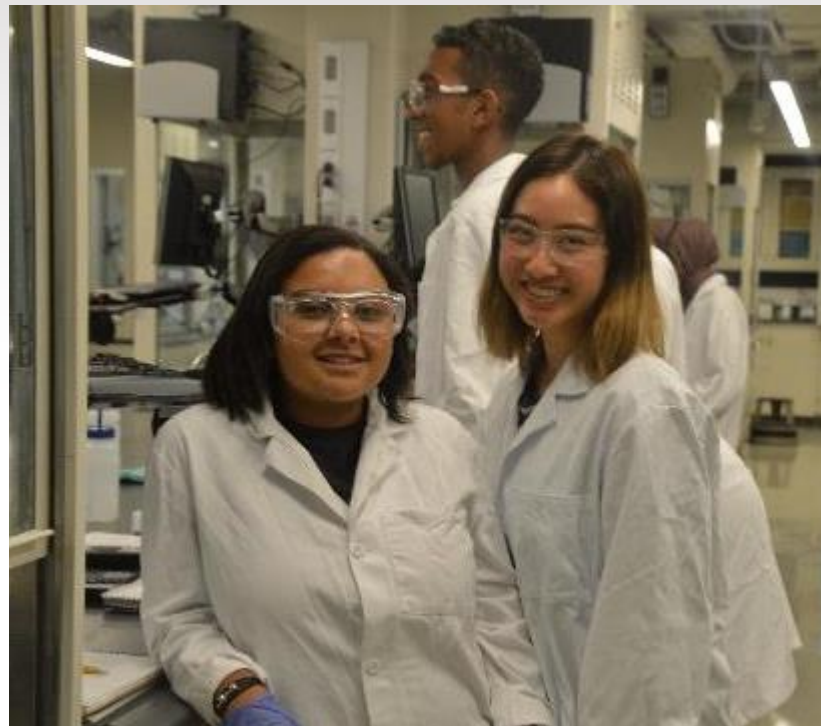
Established in 1978,  
endowed by Melville  
and Jane Hodge in  
2018

Emphasis on first  
generation and/or low-  
income students since  
2015

# Hodge EXCEL Scholars

Informed by research indicating retention rates are associated with students' level of connection with their school

Builds community among Scholars, fosters engagement in McCormick student activities, and introduces Scholars to research experiences



# McCormick Student Organizations

## Student Organizations

- Formula Racing Team
- National Society of Black Engineers (NSBE)
- NURobotics Team
- Society of Asian Scientists & Engineers (SASE)
- Society of Hispanic Professional Engineers (SHPE)
- Society of Women Engineers (SWE)

# McCormick Student Support

## First-year Programming

- Exploring Academic Interests
- Building Study Strategies
- Campus Resources
- Wellbeing

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