



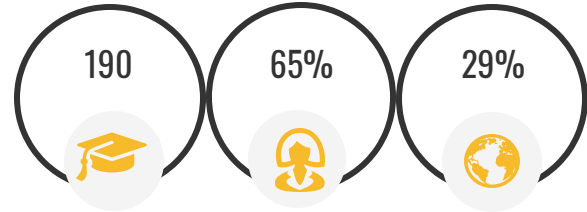
# 2014-2018 IMPACT REPORT



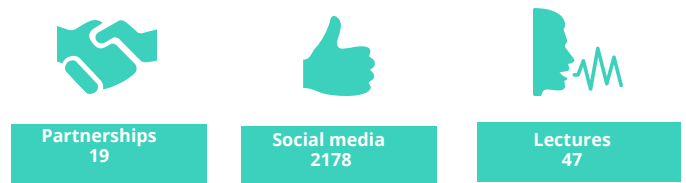
THE BIOMIMICRY  
CENTER AT ARIZONA  
STATE UNIVERSITY

# Overview 2014-2018

## 1 Education



## 2 Outreach

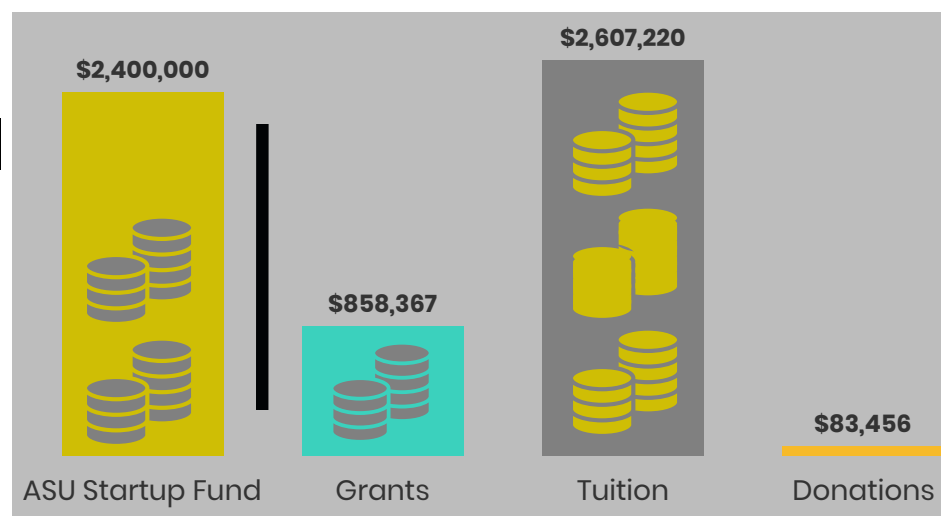


## 3 Research



## 4 Financial

- ASU Administration | 10
- Biodesign Institute | 2
- College of Integrative Sciences and Arts | 1
- New College | 1
- Department of Psychology | 1
- Fulton Schools of Engineering | 21
- Herberger Institute of Design & the Arts | 20
- Mary Lou Fulton Teachers College | 4
- College of Public Service and Community Solutions | 1
- School of Earth and Space Exploration | 1
- School of Geographical Science and Urban Planning | 2
- School of Life Sciences | 6
- School of Mathematical and Natural Sciences | 1
- School of Sustainability | 6
- W.P. Carey School of Business | 4
- Walter Cronkite School of Journalism and Mass Communication | 1



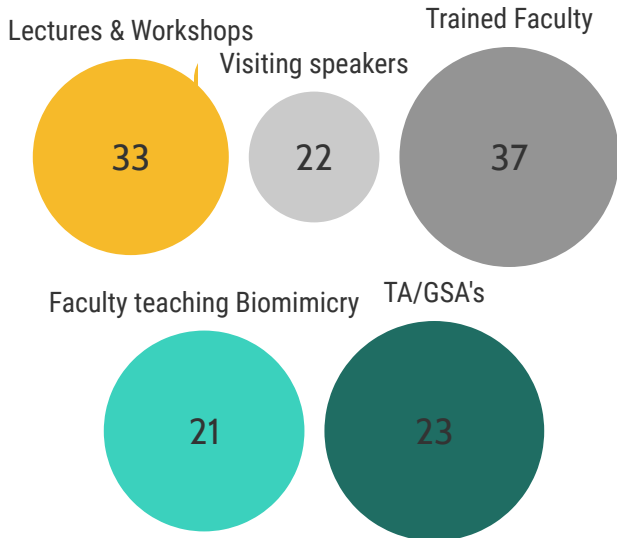
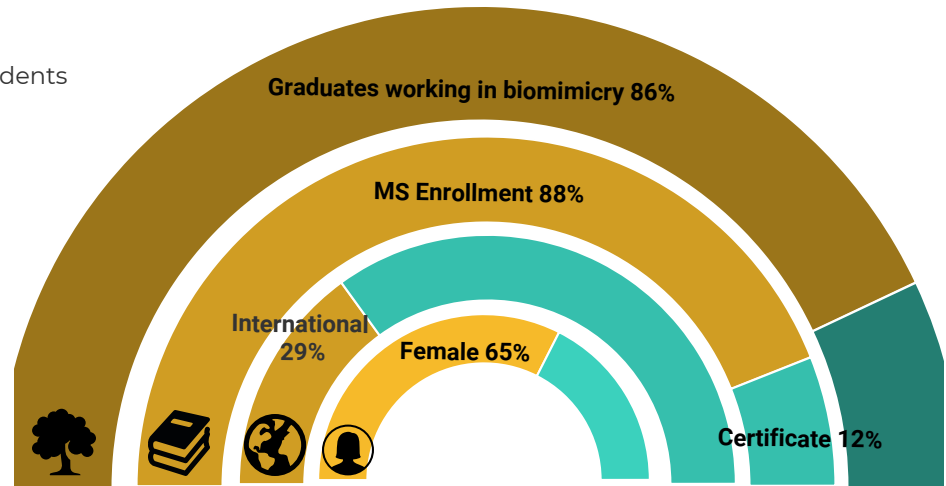
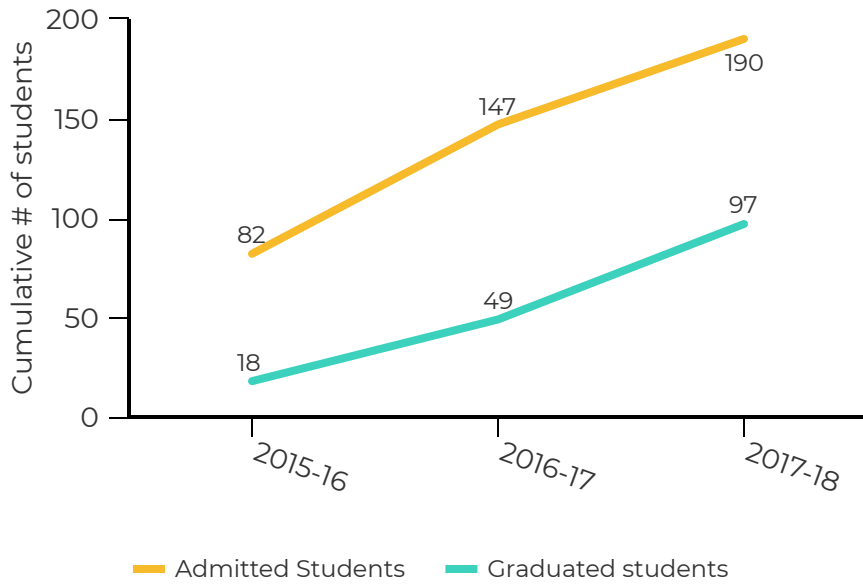
40 Advisors and Affiliate faculty

11 Core Team

16 ASU Faculty & Staff Engagement



# Education



2018+

- On campus undergraduate certificate
- Biomimicry Plug n play course modules
- BMY Latin America



# Outreach

**9**  
Companies

**2**  
NGO's

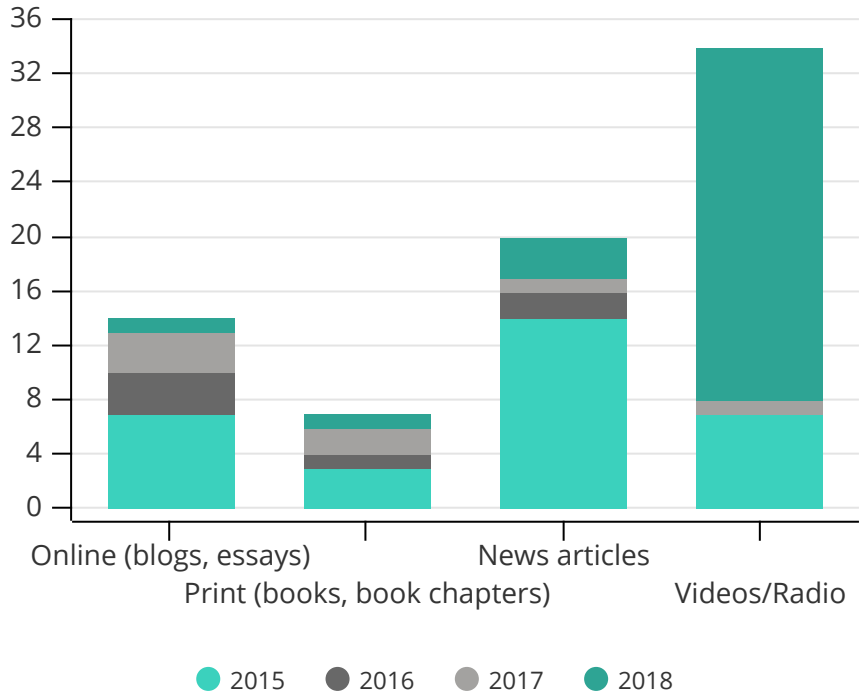
**8**  
Academic

**PARTNERHSIPS**  
**COLLABORATIONS** **19**

**2018+**

- Seeds Exhibit @ AZ National Parks
- Biomimicry Center Nature Lab
- ASU-wide Biomimicry Design Challenge

## Biomimicry Stories



**2**

Exhibits

**2178**

Social media

**2**

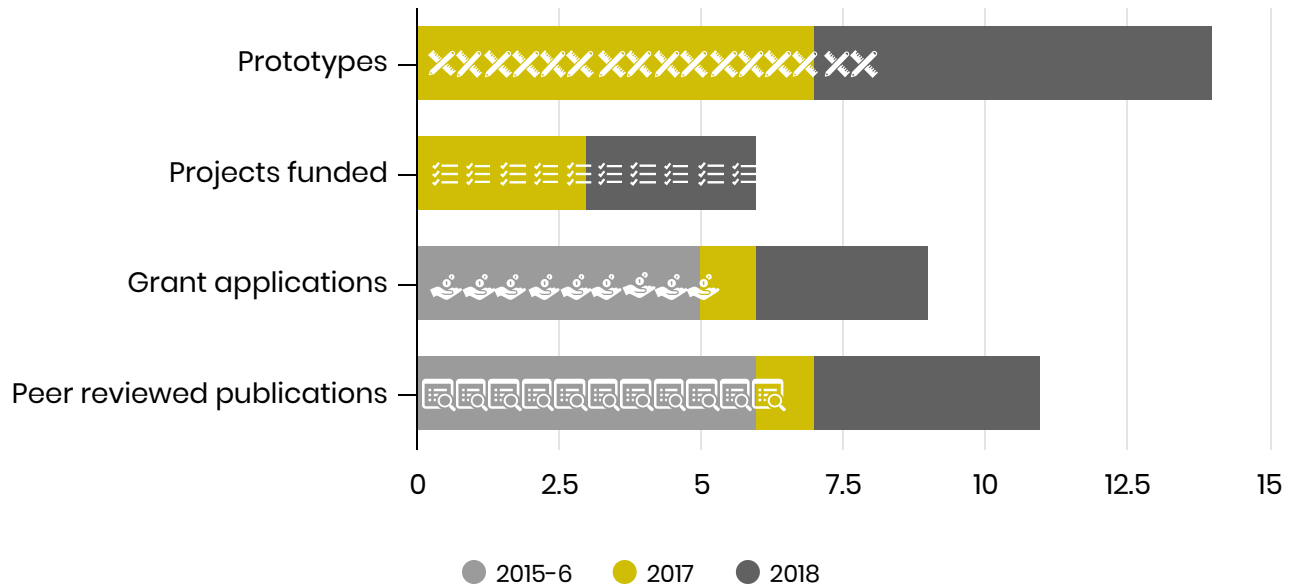
Conferences - Summits

>250 attendees



# Research

Research Activities since 2015



## Sample of Activities:

- Peer-reviewed articles ranging widely, including biomimicry methodologies, ecological systems, neural feedbacks, and robotic swarms.
- Prototyping a bat-inspired umbrella
- Confidential company research into biomimetic technologies
- Advising students in Innovation Space
- Building Biomimicry Kits for science museums
- Company sponsored Innovation Space challenges specific to biomimicry

**8**  
Advised Graduate students

**6**

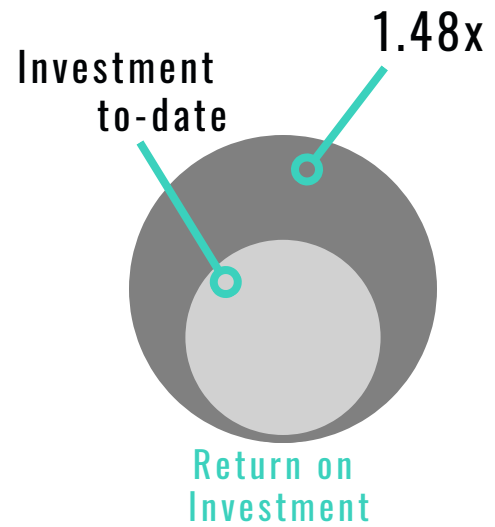
Seed Grants

**2018+**

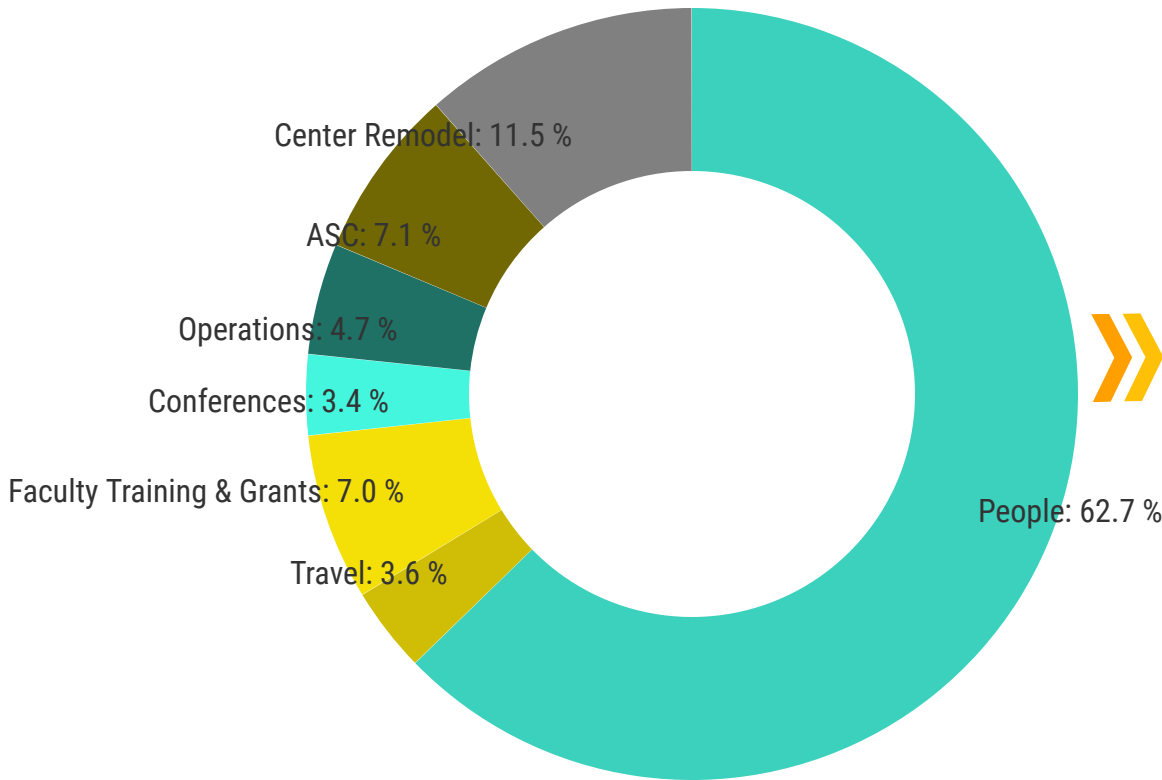
- Skunks Work Prototyping Lab
- Generous Cities Rio Salado 2.0 pilots
- Expanded Broader Impacts



# Financial



Total Expenses 2014-2018



Start-up Funds Received/Pending

