

# State of NAI-SBU Chapter



**Iwao Ojima**

*President*

*NAI-SBU Chapter*



Stony Brook University



The NAI was founded in 2010 to **recognize** and **encourage** inventors with patents issued from the U.S. Patent and Trademark Office, **enhance** the visibility of academic technology and innovation, **encourage** the disclosure of intellectual property, **educate** and **mentor** innovative students, and translate the inventions of its members to benefit society.

**NAI Fellows: 1,403 (2021 total):**

**>275 Member Institutions**

**>140 presidents and senior leaders of research universities and non-profit research institutes**

**40 Nobel Laureates**

**>600 members of the other National Academies**

**45 inductees of the National Inventors Hall of Fame**

**63 recipients of the U.S. National Medal of Technology & Innovation, and U.S. National Medal of Science**

**Membership in the NAI is available only through local university chapters. Chapter members are automatically enrolled as members of the NAI, with all rights and privileges thereof.**



**STONY BROOK UNIVERSITY CHAPTER  
of  
THE NATIONAL ACADEMY OF INVENTORS**



**Announcement**      November 25, 2015

The **Stony Brook University Chapter of the National Academy of Inventors** has been established to recognize the contributions of scientist-inventors across all disciplines in our university community. The Stony Brook University Chapter of the National Academy of Inventors (NAI-SBU Chapter) is open to all members of the university community, including faculty, staff, alumni and affiliates, who have received an issued patent from the USPTO. An annual meeting and recognition ceremony will be held during the academic year and a list of members will be published, in order to enhance networking, recognition, and the opportunity to share your experiences. Membership in the NAI is available through local university chapters only. Chapter members are automatically enrolled as members of the NAI, with all rights and privileges thereof. The NAI-SBU Chapter is looking forward to working with the campus community and affiliated institutions for encouraging and bolstering academic inventions and entrepreneurship, as well as educations cultivating the next-generation academic inventors.

Sincerely yours,

Iwao Ojima, Ph.D., Chapter President, NAI-SBU Chapter, NAI Fellow

Peter Donnelly, MBA., Executive Director, NAI-SBU Chapter

Benjamin Chu, Ph.D., NAI-SBU Chapter Board Member, NAI Fellow

Benjamin Hsiao, Ph.D., NAI-SBU Chapter Board Member, NAI Fellow

Esther Takeuchi, Ph.D., NAI-SBU Chapter Board Member, NAI Fellow,  
NAI Hall of Fame

# NAI-SBU Chapter Inauguration Gala 4/11/2016



Stony Brook University

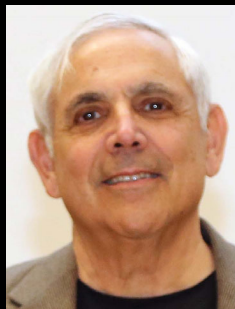
Chapter of the National Academy of Inventors



Induction of 30 NAI members

<http://www.stonybrook.edu/commcms/nai/index.html>

2016



**Ira Cohen Jay Rasteger**  
**(Award Comm.)**

**NAI-SBU Chapter Head Office (2016)**

**Iwao Ojima: *President***

**Peter Donnelly: *Executive Director***

**Staff: Linda Galvin, Maureen Case, Roxanne Brockner**

**Exec. Comm. at large: Arie Kaufman, Gerald Smaldone, Roger Johnson**



Stony Brook University



## Chapter of the National Academy of Inventors

### Mission Statement

The Stony Brook University Chapter of the National Academy of Inventors (**NAI-SBU**) has been established (i) to recognize the contributions of academic inventors across all disciplines in the Stony Brook University community, (ii) enhance the visibility of university technology and academic innovation, (iii) encourage the disclosure of intellectual property, (iv) educate and mentor innovative students, and (v) translate the inventions of its members to benefit society.

- Young Academic Inventor's Awards
- Nominations of NAI Fellow candidates
- Symposiums, Lectures and Workshops
- Networking of Researchers for New Academic Inventions
- Induction of new members at the Annual Chapter Meeting



# NAI Fellows at SBU(1)

2012



**Esther Takeuchi**  
*NAI Hall of Fame*  
2015

2013



**Benjamin Chu**

2013



**Benjamin Hsiao**

2014



**Iwao Ojima**

2016



**Lorne Golub**

2017



**Arie Kaufman**

2017



**Clinton Rubin**

2015



**Jahangir Rastegar**



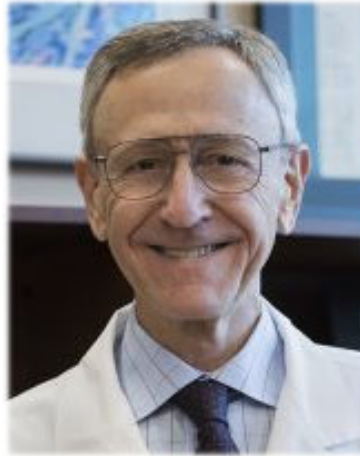
# NAI Fellows at SBU (2)

**2018**



**William Studier**

**2018**



**Kenneth Kaushansky**

**2019**



**Israel Kleinberg**

**2019**



**Stanislaus Wong**





**New NAI Member Induction Ceremony  
NAI-SBU Annual Meeting, May 1, 2017  
Inducted 16 NAI members and 2 Honorary members: Total 48**



**Dr. Martin Kaczocha**



**Dr. Luisa Escobar-Hoyos**

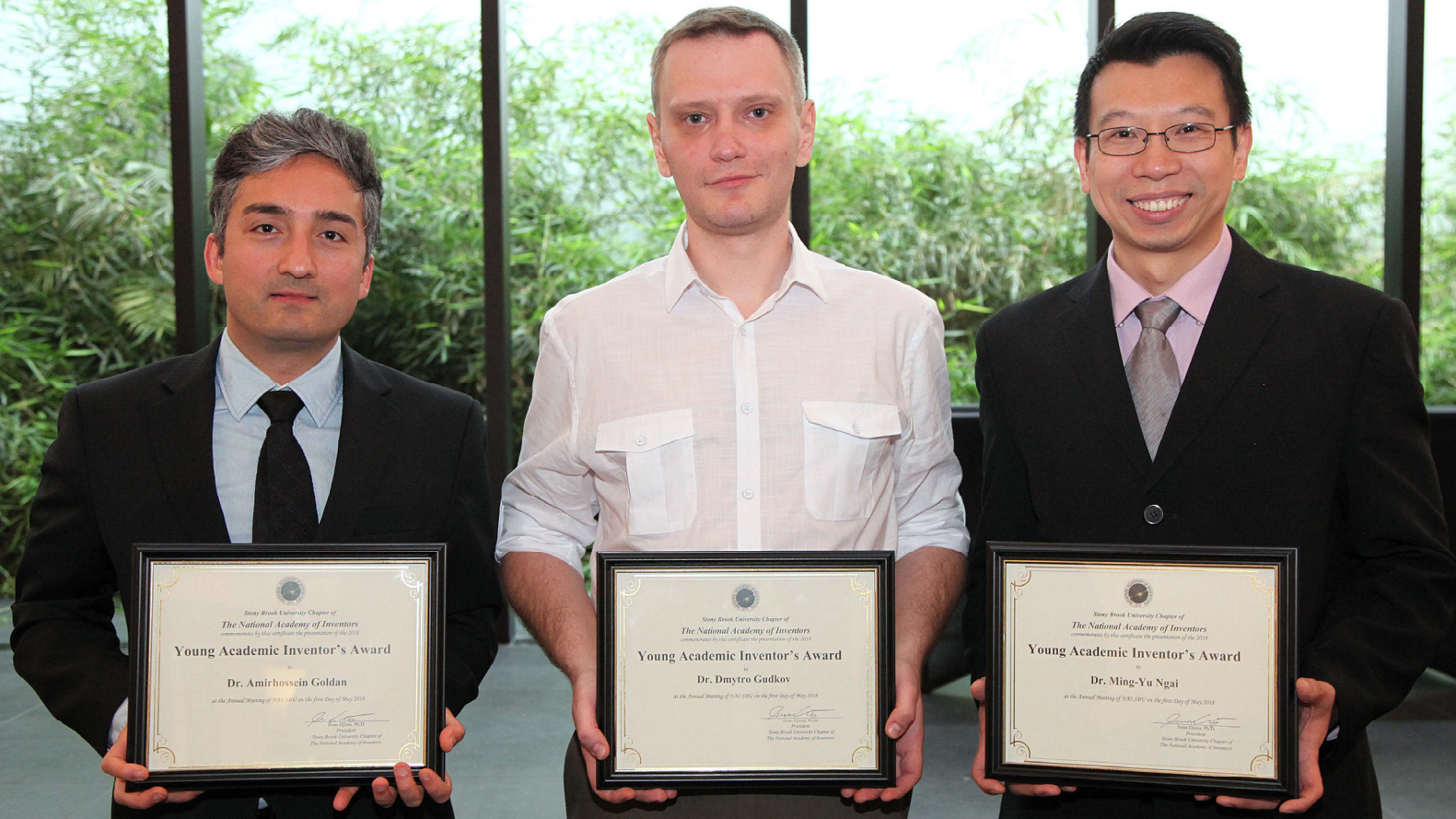


**Dr. Joseph Marino**

***Inaugural Young Academic Inventors' Awards***  
**NAI-SBU Annual Meeting, May 1, 2017**



**New NAI Member Induction Ceremony**  
**NAI-SBU Annual Meeting, May 1, 2018**  
Inducted 15 NAI members and 3 Honorary members: Total 66



**Dr. Amirhossein Goldan**

**Dr. Dmytro Gudkov**

**Dr. Ming-Yu Ngai**

**Young Academic Inventors' Awards  
NAI-SBU Annual Meeting, May 1, 2018**



**New NAI Member Induction Ceremony  
NAI-SBU Annual Meeting, May 1, 2019  
Inducted 16 NAI members and 4 Honorary members: Total 86**



SUNY BROOK UNIVERSITY

SUNY BROOK UNIVERSITY CHAPTER OF  
THE NATIONAL ACADEMY OF INVENTORS  
commemorates to this certificate the achievement of the award  
**Young Academic Inventor's Award**  
to  
**Dr. Cristina Lazzarini**  
at the Annual Meeting of NAI-SBU on the first day of May 2019

SUNY BROOK UNIVERSITY CHAPTER OF  
THE NATIONAL ACADEMY OF INVENTORS  
commemorates to this certificate the achievement of the award  
**Young Academic Inventor's Award**  
to  
**Dr. Krupanandan Haranahalli**  
at the Annual Meeting of NAI-SBU on the first day of May 2019

SUNY BROOK UNIVERSITY CHAPTER OF  
THE NATIONAL ACADEMY OF INVENTORS  
commemorates to this certificate the achievement of the award  
**Young Academic Inventor's Award**  
to  
**Dr. Eszter Boros**  
at the Annual Meeting of NAI-SBU on the first day of May 2019

**Dr. Cristina Lazzarini**

**Dr. Krupanandan  
Haranahalli**

**Dr. Eszter Boros**

**Young Academic Inventors' Awards**

**NAI-SBU Annual Meeting, May 1, 2019**

# 2020 Young Academic Inventor's Award Winners



**Dr. Adrian F. Howansky**



**Dr. Peter Milder**



**Dr. Prianka Sharma**



**Dr. Michael Ferdman**

**Award Symposium by Zoom, May 20, 2020**



Galina Botchkina, Ph.D.



Carol Carter, Ph.D.



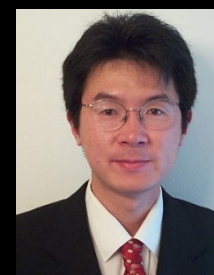
Samir Das, Ph.D.



Michael Frohman, MD.,Ph.D.



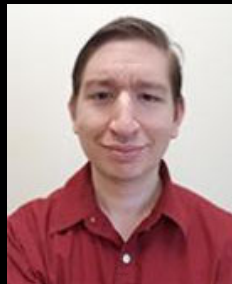
Qiaode Ge, Ph.D.



Xianfeng Gu, Ph.D



Prashant Jha, Ph.D.



Joseph Marino, Ph.D.



Pentyala Srinivas, Ph.D.



Strey Helmut, Ph.D.



Zadok Erez, Ph.D.



Wei Zhu, Ph.D.



Peter Donnelly, MBA



John Gallagher, J.D.



Brian Volk, J.D.

## New NAI Member Induction Ceremony by Zoom

### NAI-SBU Annual Meeting, December 4, 2020

Inducted 12 NAI members and 3 Honorary members: Total 101



2018

# CONGRATULATIONS INAUGURAL CLASS



## SENIOR MEMBERS

M. Khairul Alam | Ohio University  
Norma Alcantar | University of South Florida  
David Allee | Arizona State University  
Supriyo Bandyopadhyay | Virginia Commonwealth University  
Sagnik Basuray | New Jersey Institute of Technology  
Mark Benden | Texas A&M University  
Irving Boime | Washington University in St. Louis  
Ardeshir (Adi) Bulsara | Space and Naval Warfare Systems Command  
George Burba | University of Nebraska-Lincoln  
Eric Burger | Georgetown University  
Bertrand Francis Cambou | Northern Arizona University  
Changyi (Johnny) Chen | Baylor College of Medicine  
Shafiqul Chowdhury | Louisiana State University  
Rongming Chu | The Pennsylvania State University  
Mark S.F. Clarke | University of Houston  
Douglas Covey | Washington University in St. Louis  
Dominic D'Agostino | University of South Florida  
**Harbans Singh Dhadwal | Stony Brook University**  
Christos Dimitrakopoulos | University of Massachusetts Amherst  
Wadad Dubbelday | Space and Naval Warfare Systems Command  
Michael J. Escuti | North Carolina State University  
Zhaoyang Fan | Texas Tech University  
Robert (Bob) Farrauto | Columbia University  
Gregory S. Fischer | Worcester Polytechnic Institute  
Swaroop Ghosh | The Pennsylvania State University  
Noel Giebink | The Pennsylvania State University  
Richard H. Gomer | Texas A&M University  
David Gozal | University of Missouri-Columbia  
Jaime Grunlan | Texas A&M University  
Sidney M. Hecht | Arizona State University  
William E. Higgins | The Pennsylvania State University  
Alex Hills | Carnegie Mellon University  
Shuliang Jiao | Florida International University

Darren Johnson | University of Oregon  
Michael Khonsari | Louisiana State University  
Jeffrey Laskin | Rutgers, The State University of New Jersey  
Yanbin Li | University of Arkansas  
Jianming Liang | Arizona State University  
Duncan Maitland | Texas A&M University  
Richard B. Miles | Texas A&M University  
Subhra Mohapatra | University of South Florida  
Thomas J. Nosker | Rutgers, The State University of New Jersey  
Keith Paulsen | Dartmouth College  
Patrick Pinhero | University of Missouri-Columbia  
Gregory Pottie | University of California, Los Angeles  
Samuel Prien | Texas Tech Health Sciences Center  
Joanna Ptasinski | Space and Naval Warfare Systems Command  
Jeffrey Pyun | The University of Arizona  
Hamid Rahai | California State University, Long Beach  
Dandina N. Rao | Louisiana State University  
Kyle Reed | University of South Florida  
R. Michael Roberts | University of Missouri-Columbia  
Stephen Safe | Texas A&M University  
Hady Salloum | Stevens Institute of Technology  
Wei-Chuan Shih | University of Houston  
Wayne Shiroma | The University of Hawai'i  
Andrew Stuart | East Carolina University  
Hongmin Sun | University of Missouri-Columbia  
Paul Swanson | Space and Naval Warfare Systems Command  
Nongjian Tao | Arizona State University  
Yonhua Tzeng | Auburn University  
Kenji Uchino | The Pennsylvania State University  
Ben Ward | Virginia Commonwealth University  
Jon A. Weidanz | The University of Texas at Arlington  
Douglas H. Werner | The Pennsylvania State University

## **Currently eligible NAI members of the NAI-SBU Chapter (24)**

Luryi, Serge  
Honda, Tadashi  
Gorfinkel, Vera  
Cohen, Ira S.  
Rafailovich, Miriam  
Fang, Dufei

[Harbans Dhadwal \(Senior Member, 2018\)](#)

Gouzman, Mikhail  
Smaldone, Gerald C.  
Luft, Benjamin J.  
Brink, Peter R.  
Skiena, Steven  
Sampath, Sanjay  
Clark, Richard A.  
Ma, Hongyang  
Palmer, Lucy B.  
Simon, Sanford R.  
Chen, Wen Tien  
Longtin, Jon  
Herman, Herbert  
Zhao, Wei

[Chen, Fu-Peng \(Senior Member, 2020\)](#)

[Anurag Purwar \(Senior Member, 2020\)](#)

Sampson, Nicole

TOP 100

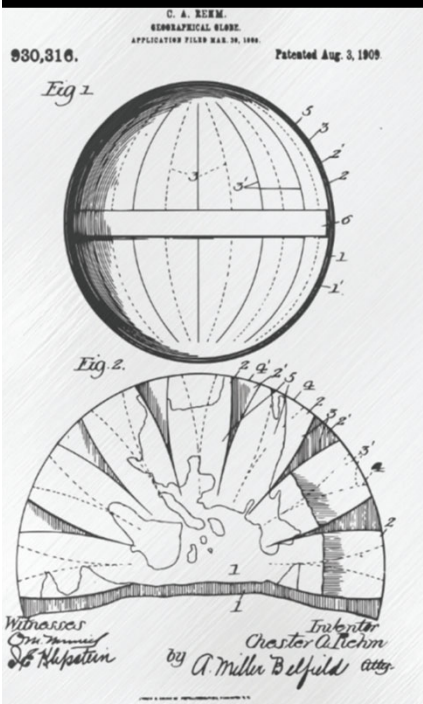
WORLDWIDE  
UNIVERSITIES  
GRANTED  
U.S. UTILITY  
PATENTS

2019

# Top 100 WORLDWIDE UNIVERSITIES GRANTED U.S. UTILITY PATENTS • 2019 •



31 in 2014 (65)  
30 in 2015 (62)  
38 in 2016 (57)  
31 in 2017 (69)  
30 in 2018 (71)  
40 in 2019 (61)



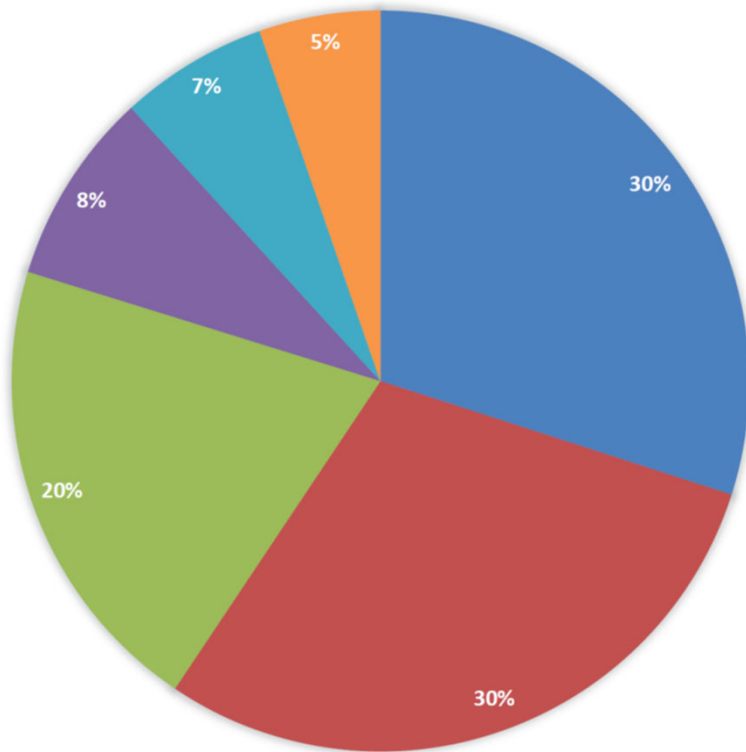
1 UNIVERSITY OF CALIFORNIA, THE REGENTS OF.....	631	27 KING SAUD UNIVERSITY .....	85
2 MASSACHUSETTS INSTITUTE OF TECHNOLOGY.....	355	28 UNIVERSITY OF MARYLAND .....	79
3 THE UNIVERSITY OF TEXAS .....	276	28 UNIVERSITY OF MASSACHUSETTS.....	79
4 KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS.....	225	28 UNIVERSITY OF PITTSBURGH .....	79
5 STANFORD UNIVERSITY.....	217	31 NATIONAL TSING HUA UNIVERSITY .....	78
6 TSINGHUA UNIVERSITY.....	191	32 THE UNIVERSITY OF UTAH RESEARCH FOUNDATION.....	74
7 JOHNS HOPKINS UNIVERSITY.....	168	33 UNIVERSITY OF WASHINGTON.....	73
8 CALIFORNIA INSTITUTE OF TECHNOLOGY .....	167	34 OHIO STATE INNOVATION FOUNDATION, OHIO STATE UNIVERSITY .....	68
9 WISCONSIN ALUMNI RESEARCH FOUNDATION..	160	34 NEW YORK UNIVERSITY .....	68
10 UNIVERSITY OF MICHIGAN.....	158	36 UNIVERSITY OF NORTH CAROLINA.....	65
11 HARVARD COLLEGE, PRESIDENT AND FELLOWS .....	156	36 VANDERBILT UNIVERSITY .....	65
12 ARIZONA STATE UNIVERSITY, ARIZONA BOARD OF REGENTS.....	137	36 YALE UNIVERSITY .....	65
13 PURDUE RESEARCH FOUNDATION .....	136	39 UNIVERSITY OF ARIZONA.....	62
14 NORTHWESTERN UNIVERSITY.....	129	40 ÉCOLE POLYTECHNIQUE, FÉDÉRALE DE LAUSANNE .....	61
15 UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED .....	115	40 FLORIDA INTERNATIONAL UNIVERSITY .....	61
16 UNIVERSITY OF SOUTH FLORIDA.....	108	40 RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK.....	61
17 UNIVERSITY OF MINNESOTA, THE REGENTS OF ..	102	43 FLORIDA STATE UNIVERSITY .....	60
18 COLUMBIA UNIVERSITY.....	100	43 KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION.....	60
19 UNIVERSITY OF ILLINOIS.....	98	45 UNIVERSITY OF SOUTHERN CALIFORNIA.....	59
20 UNIVERSITY OF COLORADO, THE REGENTS OF ...	92	46 THE UNIVERSITY OF TOKYO .....	58
21 CASE WESTERN RESERVE UNIVERSITY.....	89	47 UNIVERSITY OF VIRGINIA ALUMNI PATENTS FOUNDATION.....	57
22 UNIVERSITY OF PENNSYLVANIA.....	88	48 GEORGIA TECH RESEARCH CORP.....	56
23 CORNELL UNIVERSITY.....	87	49 INDUSTRY-ACADEMIC COOPERATION FOUNDATION YONSEI UNIVERSITY.....	54
23 UNIVERSITY OF CHICAGO, UCHICAGO ARGONNE LLC.....	87	50 NANYANG TECHNOLOGICAL UNIVERSITY .....	53
25 DUKE UNIVERSITY .....	86	51 INDUSTRY-UNIVERSITY COOPERATION FOUNDATION HANYANG UNIVERSITY .....	52
25 KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (KAIST) .....	86	51 MICHIGAN STATE UNIVERSITY .....	52



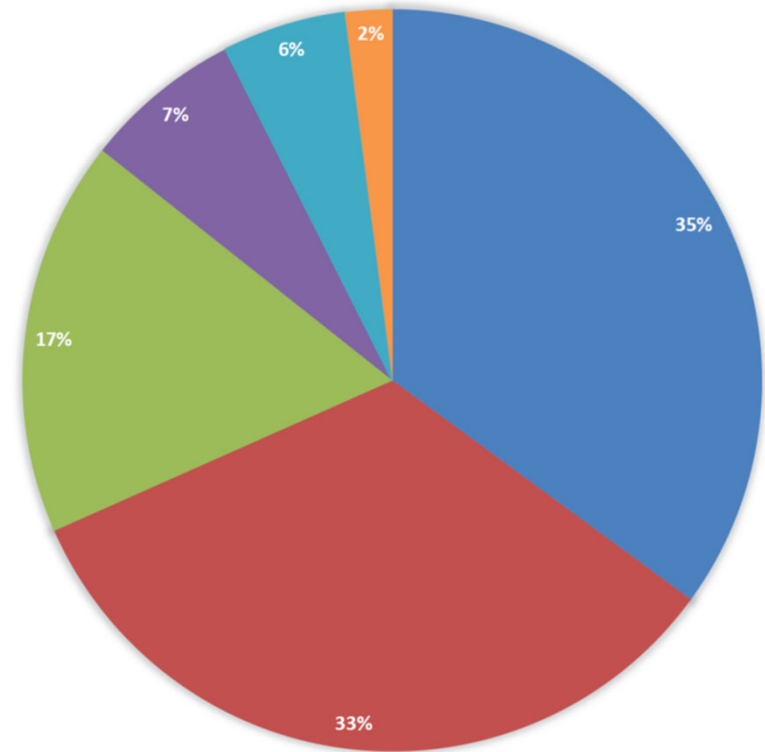


Stony Brook University

- College of Engineering and Applied Sciences
- School of Medicine
- College of Arts and Sciences
- Collaboration Between Schools
- School of Dental Medicine
- Other



Total US Patents: 771



Total US Patent Applications: 2,522

Number of US Patents and Patent Applications  
Among Colleges and Schools at SBU (2021)



**I. Ojima**



**S. Boykevisch**

## **NAI-SBU Chapter Head Office (2021)**

**Iwao Ojima: *President***

**Sean Boykevisch: *Executive Director***



**A. Kaufman**



**R. Johnson**



**S. Sampath**



**W. Zhao**

***Executive  
Committee  
at Large***



**R. Brockner**



**L. Galvin**



**M. Case**



**O. Kaufman**

***Staff***  
***RB: Administrator***  
***LG: Treasurer***  
***MC: Secretary***  
***OK: Public Relations***



# Acknowledgements





# **Acknowledgements**

**Office of the Vice President for Research**

**School of Medicine**

**School of Dental Medicine**

**Stony Brook Cancer Center**

**Department of Pathology**

**Department of Medicine**

**Department of Oral Biology and Pathology**

**Department of Chemistry**

**Office of Economic Development**

**College of Engineering and Applied Sciences**



**Stony Brook University**