



William Lowell
PUTNAM
Mathematical Competition

ANNOUNCEMENT OF WINNERS

of the eighty-fourth competition held on December 2, 2023

In each of the following categories, the listing is in alphabetical order.

THE PUTNAM FELLOWS — THE FIVE HIGHEST-RANKING INDIVIDUALS

Each receives an award of \$2,500.

Ankit Bisain	Massachusetts Institute of Technology
Jiangqi Dai	Massachusetts Institute of Technology
Papon Lapate	Massachusetts Institute of Technology
Brian Liu	Massachusetts Institute of Technology
Luke Robitaille	Massachusetts Institute of Technology

THE NEXT ELEVEN HIGHEST-RANKING INDIVIDUALS

Each receives an award of \$1,000.

Mingyang Deng	Massachusetts Institute of Technology
Andrew Gu	Harvard University
Michael Li	University of Toronto
Sean Li	Massachusetts Institute of Technology
Derek Liu	Massachusetts Institute of Technology
Maximus Lu	Massachusetts Institute of Technology
Zhao Yu Ma	Massachusetts Institute of Technology
Aloysius Ng	Massachusetts Institute of Technology
Eric Shen	Massachusetts Institute of Technology
Tomasz Slusarczyk	Massachusetts Institute of Technology
Kaixin Wang	Duke University

THE NEXT TEN HIGHEST-RANKING INDIVIDUALS

Each receives an award of \$250.

Reagan Choi	Massachusetts Institute of Technology
Kevin Cong	Harvard University
Rishabh Das	Massachusetts Institute of Technology
Arav Karighattam	Harvard University
Huaye Lin	Massachusetts Institute of Technology
Eric Shen	Harvard University
Brandon Wang	Massachusetts Institute of Technology
William Wang	Massachusetts Institute of Technology
Daniel Xia	Massachusetts Institute of Technology
Rowechen Zhong	Massachusetts Institute of Technology

HONORABLE MENTION — INDIVIDUALS (RANKS 26-100)

Jack Albright, Stanford University	Daniel Hong, MIT	Kenta Suzuki, MIT
Serena An, MIT	Vidur Jasuja, MIT	Adam Tang, Harvey Mudd College
Nithid Anchaleenukoon, MIT	Benjamin Kang, MIT	Vincent Trang, University of Maryland, College Park
Gradin Anderson, Brigham Young University	Richard Kang, University of Waterloo	Alan Vladimiroff, MIT
Asha Basu, McGill University	Aaron Alvarado Kristanto Julistiono, MIT	Mateja Vukelic, MIT
Daniel Benavides, MIT	Antoine Labelle, McGill University	Albert Wang, MIT
Tomas Cantu, MIT	Tuong Le, University of Michigan	Anthony Wang, MIT
Ruben Carpenter, Yale University	Daeho Lee, MIT	Frank Wang, MIT
Tristan Chaang, MIT	Zhening Li, MIT	Jaedon Whyte, MIT
Alvin Chen, MIT	Jason Liu, MIT	Gabriel Wu, Harvard University
Brandon Chen, MIT	Evan Lu, MIT	Kevin Wu, MIT
Jeffrey Chen, MIT	Andrei Mandelshtam, Stanford University	Yichen Xiao, MIT
Quanlin Chen, Stanford University	Edis Memis, Harvard University	Edward Xiong, MIT
Raphael Dylan Dalida, MIT	Kevin Min, MIT	Alex Xu, University of Michigan
Sanjana Das, MIT	Josiah Moltz, Binghamton University SUNY	Daniel Xu, MIT
Caleb Dastrup, Brigham Young University	Holden Mui, MIT	Justin Yu, MIT
Robert Dragomirescu, Stanford University	Atul Shatavart Nadig, MIT	Daniel Yuan, University of Maryland, College Park
Yundi Duan, University of Waterloo	Atharva Pathak, Princeton University	William Yue, MIT
Raymond Feng, MIT	Hung Pham, University of Chicago	Franklin Zhang, University of Illinois
Gopal Goel, MIT	Gregory Pylypovych, MIT	Hankai Zhang, MIT
Ram Goel, MIT	Pitchayut Saengrungkongka, MIT	Ethan Zhou, MIT
Alex Gu, MIT	Eric Yuang Shao, Columbia University	Zixiang (Peter) Zhou, MIT
Anshul Guha, Yale University	Matthew Snodgrass, Carnegie Mellon University	Isaac Zhu, MIT
Thomas Guo, MIT	Maxwell Sun, MIT	Isabella Zhu, MIT
Paul Hamrick, University of North Carolina, Chapel Hill	Rui Sun, MIT	

ELIZABETH LOWELL PUTNAM PRIZE

She receives an award of \$1,000.

Isabella Zhu

Massachusetts Institute of Technology

WINNING TEAMS

Rank	School	Team Members (in alphabetical order)
1	Massachusetts Institute of Technology	Ankit Bisain Papon Lapate Luke Robitaille
2	Harvard University	Kevin Cong Andrew Gu Arav Karighattam
3	Duke University	Erick Jiang James Rydell Kaixin Wang
4	Stanford University	Jack Albright Quanlin Chen Andrei Mandelshtam
5	University of Toronto	Ethan Bottomley-Mason Michael Li Zhiyuan Li

The institution with the first-place team receives an award of \$25,000, and each member of the team receives \$1,000. The team and member awards for second place are \$20,000 and \$800, respectively; for third place, \$15,000 and \$600; for fourth place, \$10,000 and \$400; and for fifth place, \$5,000 and \$200.

HONORABLE MENTION — TEAMS (RANKS 6-10)

Listed by university in alphabetical order. Where four students are listed, there was a tie for third-highest individual score at that institution.

School	Team Members (in alphabetical order)
Brigham Young University	Gradin Anderson Caleb Dastrup Ethan Katz
Princeton University	Benjamin Lemkin Austen Mazenko Atharva Pathak
University of Maryland, College Park	Omar Habibullah Andrew Parker Vincent Trang Daniel Yuan
University of Michigan	Tuong Le Alex Xu Yuchong Zhang
University of Waterloo	Andrew Dong Yundi Duan Richard Kang
Yale University	Ruben Carpenter Anshul Guha Michael Ying

PUTNAM PROBLEMS COMMITTEE:

Brian Hunt, University of Maryland, College Park
Karl Mahlburg (Chair), Susquehanna International Group
Greta Panova, University of Southern California

CONTRIBUTORS OF ADDITIONAL PROBLEMS FOR THE COMPETITION:

Gabriel Carroll, University of Toronto
David Grabiner, Department of Defense
Darij Grinberg, Drexel University
Michael Larsen, University of Indiana
Richard Stanley, Massachusetts Institute of Technology and University of Miami

COMPETITION LEADERSHIP:

Daniel Ullman (Director), George Washington University
Paul Zeitz (Associate Director), University of San Francisco

SCORE-TO-RANK CORRESPONDENCE

A participant is said to have rank n if $n-1$ participants scored higher.

Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank
98	1	70	21	55	61	41	172	27	542	13	1206
89	2	68	22	54	62	40	205	26	565	12	1311
86	3	67	24	53	64	39	231	25	580	11	1434
85	4	66	27	52	78	38	251	24	606	10	1611
83	6	65	29	51	89	37	264	23	644	9	2201
81	7	64	34	50	95	36	279	22	706	8	2566
79	9	63	37	49	101	35	286	21	769	7	2677
78	10	62	40	48	109	34	306	20	854	6	2695
77	12	61	41	47	118	33	321	19	955	5	2698
76	13	60	43	46	125	32	348	18	1028	4	2703
75	14	59	49	45	129	31	378	17	1085	3	2713
74	17	58	52	44	135	30	435	16	1109	2	2824
73	19	57	54	43	144	29	480	15	1136	1	2946
71	20	56	56	42	154	28	517	14	1168	0	3054

FREQUENCY DISTRIBUTION OF PROBLEM SCORES OF THE TOP 516 CONTESTANTS

Score	A1	A2	A3	A4	A5	A6	B1	B2	B3	B4	B5	B6
10	426	368	7	31	10	16	373	239	80	8	21	1
9	68	27	13	18	3	0	42	19	12	3	10	0
8	10	81	4	34	13	1	20	5	23	7	4	0
7	0	5	1	20	0	0	3	0	0	6	0	0
6	0	3	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	17	0	0	0	0	0	0	11	0	0
3	2	10	2	0	0	0	44	1	33	15	0	0
2	2	2	15	68	36	26	17	8	51	20	18	0
1	1	0	230	23	9	62	4	41	14	36	72	1
0	7	6	105	45	52	73	9	118	92	109	77	27
NA	0	14	122	277	393	338	4	85	211	301	314	487

STUDENTS RANKED 101-200

Listed by university in alphabetical order

Amherst College, Amherst, MA

William Han
Alan Li

Arizona State University, Tempe, AZ

Sahaj Rastogi

Brown University, Providence, RI

Luke Choi
Maximus Liu

Bucknell University, Lewisburg, PA

Skyler Le
Ahn Tran

California Institute of Technology, Pasadena, CA

Eduardo Henrique Rodrigues do Nascimento

Carnegie Mellon University, Pittsburgh, PA

Siyuan Chen	Advait Nene	Ishin Shah
Soren Dupont	Daniel Park	Gene Yang
Joseph Kalarickal	Sam Rosenstrauch	James Yang

Colby College, Waterville, ME

Thor Gabrielsen

Columbia University, New York City, NY

Nikhil Mudumbi

Cornell University, Ithaca, NY

Rishi Gujjar

Duke University, Durham, NC

Erick Jiang
James Rydell

Harvard University, Cambridge, MA

Tanav Choudhary	Jacob Paltrowitz
Kevin Du	Daniel Sheremeta
Srihari Ganesh	Haozhe Yang
William Hu	

Harvey Mudd College, Claremont, CA

Tiger Che
Alan Kappler

Haverford College, Haverford, PA

William Bender

Hillsdale College, Hillsdale, MI

Andrew Schmidt

Johns Hopkins University, Baltimore, MD

Minjae Kim

Massachusetts Institute of Technology, Cambridge, MA

Aleksandr Abelyan	Benson Zhan Li Lin	Holden Watson
Joseph Camacho	Mohamed Wacyl Meddour	Christopher Wu
Richard Chen	Nilay Mishra	Tony Wu
Akash Das	Unubold Munkhbat	Max Xu
Benjamin Epstein	Tiago Oliveira Marques	Binwei Yan
Chirag Falor	Pravalika Putalapattu	Victor Yin
Arnav Goel	Edward Qiao	Ziqian Zhong
Nitin Kumar	Espen Slettnes	Jeremy Zhou
David Lee	Teimurazi Toloraia	Adam Zweiger
Daniel Li	Karthik Vedula	

Oberlin College, Oberlin, OH

Deron Lessure

Princeton University, Princeton, NJ

Benjamin Lemkin
Austen Mazenko
Ben Zenker

Rose-Hulman Institute of Technology, Terre Haute, IN

Connor Lane

Rutgers, The State University of New Jersey, New Brunswick, NJ

Eric Yang

Stanford University, Stanford, CA

Michael Cho	Matthew Riedman
Kevin Li	Karthik Seetharaman
	Ethan Zhang

University of Alabama, Tuscaloosa, AL

Jacob Glidewell

University of California, Berkeley, CA

Theodore Lysek

Noah Mart

Jianzhi Wang

University of California, Los Angeles, CA

Jason Liu

Sumith Nalabolu

Diana Tolu

University of California, Santa Barbara, CA

Pico Gilman

University of Chicago, Chicago, IL

Henry Cafaro

University of Florida, Gainesville, FL

Jake Frazer

Samuel Kim

University of Illinois, Urbana-Champaign, IL

Adrian Calinescu

University of Massachusetts, Amherst, MA

Aditya Khurmi

Son Pham

University of Minnesota, Minneapolis, MN

Nathan Mihm

University of Pennsylvania, Philadelphia, PA

David Kogan

Lucas Wu

Vincent Zhang

University of Rochester, Rochester, NY

Tran Duy Anh Le

University of Toronto, Toronto, ON, Canada

Ethan Bottomley-Mason

Rizky Rajendra Ananta Dewa

Zhiyuan Li

University of Virginia, Charlottesville, VA

Utkarsh Goyal

Declan Stacy

University of Waterloo, Waterloo, ON, Canada

Andrew Dong

University of Wisconsin, Madison, WI

Jonah Guse

Yale University, New Haven, CT

Deyuan Li

Vismay Sharan

Chun Yeung Wong

Michael Ying

STUDENTS RANKED 201-500

Listed by university in alphabetical order

Amherst College, Amherst, MA

Alexandre van Lidth
Derek Zhang
Wenshi Zhao

Arizona State University, Tempe, AZ

Riley Knutson

Augustana University, Sioux Falls, SD

Tianyi Lu

Baruch College, New York, NY

Danyil Blyschak

Brandeis University, Waltham, MA

Benjamin Kamen
Maximilien Shepard

Brigham Young University, Provo, UT

Ethan Katz

Brigham Young University, Laie, HI

Erdenebileg Erdenebat

Brown University, Providence, RI

Ethan Bove
An Cao
Nathan Smith

California Institute of Technology, Pasadena, CA

Toyesh Jayaswal
Joey Litvin
Justin Luo
Yakov Shalunov

Carnegie Mellon University, Pittsburgh, PA

Alan Abraham	Owen Lalis	Mario Tutuncu-Macias
Kevin Cao	Yuelin Li	Daniel Wang
Yijun Chen	Xavier Lien	Eric Wang
Matthew Cohen	Stanley Liu	Xinyi Wang
Rohit Dasanoor	Daniel Mai	Claire Xu
Hari Desikan	Faraz Mirza	Chi Hung Anthony Yip
Russell Emerine	Ina'nis Ninomae	Justin Yoo
Justin Hsieh	Eric Oh	Kevin You
Junwei Huang	Giacomo Rizzo	Eric Zheng
Bowen Jiang	Parth Shastri	Andy Zhu
Sebastian Kumar	Lohith Tummala	

Columbia University, New York City, NY

Hyoungjoon Yoo

Cornell University, Ithaca, NY

Aruni Chenxi
Lyndon Hess
Andrii Nykyforchyn
Abhijeet Saha
Lucas Sandleris
Ruogu Zhang

Davidson College, Davidson, NC

Kenan Wood

Duke University, Durham, NC

Harry Chen	Vincent Li
Angikar Ghosal	Nathan Nguyen
Hung Le	Samuel Orellana Mateo
	Akshar Yeccherla

Georgia Institute of Technology, Atlanta, GA

Joseph Campbell	Lance Lampert
Christian Engman	Andrew Shi
	Lawrence Zhou

Harvard University, Cambridge, MA

Sebastian Attlan	Radu Andrei Lecoiau	Annabel Ma
Elliot Chin	Jerry Liang	Easton Singer
Dhruv Goel	Kevin Liu	Walden Yan
		Sophie Zhu

Harvey Mudd College, Claremont, CA

Megan Davi
Kai Mawhinney

Daniel Vargas
Luke Wang

Haverford College, Haverford, PA

Guilherme Zeus Dantas e Moura
Hongyi Zhang

Johns Hopkins University, Baltimore, MD

Yash Permalla

Linfield University, McMinnville, OR

Brendan Perez

Massachusetts Institute of Technology, Cambridge, MA

Carlos Alvarado	Yelyzaveta Horokh	Timothy Qian
Adithya Balachandran	Tristan Kay	Nathan Sheffield
Luka Bulic Braculj	Evan Kim	Danil Sibgatullin
Benjamin Chen	Alan Lee	Li Xuan Tan
Dev Chheda	Andrew Lee	Ray Tang
Jacob David	Rupert Li	Grace Tian
Fernando Dominguez	Evelyn Lianto	Andrew Tung
Castaneda	Andrew Liu	Zifan Wang
Mohammed Ehab	Brandon Lou	Andrew Wen
Jonathan Fei	Ghaura Mahabaduge	Alina Yang
Csilla Fulop	Max Misterka	Jason Yang
Abhinav Goel	Ritam Nag	Ryan Yunrui Yang
Ojas Gulati	Daniel Ochoa	Chon Hou Ye
Aaron Guo	Joseph Othman	Andrew Yuan
Joshua Guo	Mohammed Othman	Fedir Yudin
John Gupta-She	Shayan Pardis	Claire Zhang
Paul Gutkovich	Rishab Parthasarathy	Kevin Zhao
Garrett Heller	Richard Qi	Yuxuan Zheng
		Sebastian Zhu

McGill University, Montreal, QC, Canada

Tommy He
Roland Killian
Alexander Koran

McMaster University, Hamilton, ON, Canada

Hakim Temacini

Miami University, Oxford, OH

Hiep Trinh

Missouri University of Science and Technology, Rolla, MO

Braden Stillmaker

Moravian University, Bethlehem, PA

Geoffrey Kleinberg

New York University, New York, NY

Samuel Esteban

Siyong Liu

Northeastern University, Boston, MA

Toby Busick-Warner

Northern Illinois University, DeKalb, IL

Colin Guy

Pennsylvania State University, State College, PA

Vladyslav Myskiv

Princeton University, Princeton, NJ

Jerry Han

Kareem Jaber

Rodrigo Porto

Julian Shah

Daniel Yang

Charles Yu

Purdue University, Lafayette, IN

William Lin

Rice University, Houston, TX

Ayooluwanitemi Aitokhuehi

Stian Du Preez

Fangqi Guo

Rose-Hulman Institute of Technology, Terre Haute, IN

Benjamin Lyons

Rutgers, State University of New Jersey, New Brunswick, NJ

Justin Kim

Andrew Krapivin

Rajat Peddinti

Simon Fraser University, Burnaby, BC, Canada

Oscar Lautsch

Stanford University, Stanford, CA

Carlo Baronio
Michael Doboli
John Hlavka

Eli Meyers
Bradley Moon
Rahul Thomas

Peter Westbrook
Anthony Zhan

Stony Brook University, Stony Brook, NY

William Lee

Swarthmore College, Swarthmore, PA

Kai Williams

Texas A&M University, College Station, TX

Phuoc Anh Kha Le
Minh Nguyen

University of Alabama, Huntsville, AL

Zachary Nunez

University of Alabama, Tuscaloosa, AL

Vu Minh Khang Ho

University of Arizona, Tucson, AZ

Vadim Bernshteyn
Balaaji Reddy Nagireddy

University of British Columbia, Vancouver, BC, Canada

Oakley Edens
Jiang Xu Wan

University of California, Berkeley, CA

Yash Aggarwal	Andrew Huang
Daniel Ao	Aathreya Kadambi
Aditya Baireddy	Andrew Lee
Ralph Cao	Bradley Louie Saito
Preston Fu	Justin Park

Youngmin Park
Shreyas Ramamurthy
Robin Sharif
Brian Sui
Dylan Xu
Robert Yang

University of California, Davis, CA

Sean O

University of California, Los Angeles, CA

Arvin Ding	Akash Madiraju
Stephen Kelman	Ethan Peng
Henry Lindhurst	Gary Song

Surya Subbarao
Zachary Tu
Alan Wu

University of California, San Diego, CA

Mark Barbone
Kenji Gunawan
Elizabeth Teryoshin

University of California, Santa Barbara, CA

Ashwin Anand
Victor Bernal Ramirez
Sagnik Biswas
Ajay Manneth
Anikait Mundhra

University of Chicago, Chicago, IL

Claudio Bastiani-Fonck
Cameron Chang
Cong Hung Le Tran
Ryan O'Farrell
Derek Zhu

University of Florida, Gainesville, FL

Samuel Cohen
Alejandro Leon

University of Hawaii, Manoa, HI

Adam Inamasu

University of Illinois, Urbana-Champaign, IL

Brendan Biernacki
Yuuki Sawanoi

University of Kansas, Lawrence, KS

Liam McKinney

University of Manitoba, Winnipeg, MB, Canada

Nolan Coughlan

University of Maryland, College Park, MD

Omar Habibullah
Clarence Lam
Isaac Mammel
Adam Melrod
Andrew Parker

University of Massachusetts, Amherst, MA

Minh Do

University of Michigan, Ann Arbor, MI

Qimeng Fang
Alvin Li
Jaiden Shin
Bohang Yu
Yuchong Zhang

University of Minnesota, Minneapolis, MN

Andrew Hale
Jeffrey Hu
Andrew Mou

Luke Patefield
Dinh Quan Tran

University of New Mexico, Albuquerque, NM

Franklin Pezzuti Dyer

University of North Carolina, Chapel Hill, NC

Marvin Koonce

University of Oklahoma, Norman, OK

Jacob Norris

University of Pennsylvania, Philadelphia, PA

Benjamin Lee
Robin Murugadoss

Jonathan Pei
Allan Zhang

University of Texas, Dallas, TX

Evan Bailey
Suraj Mathashery

University of Toronto, Toronto, ON, Canada

Robert Chung
Benjamin Edidin
Alptekin Goksan

Mukhammadrizo
Madjidov
Luke McCutcheon

Petrus Deon Pranoto
Haonan Zhao

University of Virginia, Charlottesville, VA

Michael Fatemi
Nicholas Winschel

University of Washington, Seattle, WA

Matthew Shang
Nelson Sun

University of Waterloo, Waterloo, ON, Canada

Liam Benoit
Arthur Bright
Jason Fang
Valentio Iverson
Adam Jelinsky
Max Jiang
Tianqi Jiang

Max Jung
Hanson Liu
Alexander
Monteith-Pistor
Aaryam Sharma
Senthana Sivatharan
Gary Sun

Christopher Trevisan
Mars Xiang
Tianze Xu
Jacob Yan
Michael Yang
Yingshang Zhao
Kaicheng Zhu

University of Wisconsin, Madison, WI

Haran Mouli

Vanderbilt University, Nashville, TN

Serhii Mytsyk

Virginia Polytechnic Institute and State University, Blacksburg, VA

Grant Mullins

Washington and Lee University, Lexington, VA

Wesley Mazzucco

Wesleyan University, Middletown, CT

Boqing Deng

Ze Fan

Williams College, Williamstown, MA

Jonathan Geller

Yuan Qiu

Yale University, New Haven, CT

Samvel Antonyan

Jacob Berg

Howard Dai

William Dai

Xiang Rong Dai

Lejun Deng

Austin Feng

Seojun Lee

Matthew Li

Patrick Lu

Andrew Milas

William Ning

Andrei Alexandru

Parfeni

Zhemin Shao

Kevin Wu

Stephen Yin

TOP TEAMS BY MAA SECTION

Teams listed in order of team score. Where four institutions are listed, there was a tie for third-highest team score in that section.

Allegheny Mountain Section

Carnegie Mellon University
The Pennsylvania State University
University of Pittsburgh

Eastern PA & Delaware Section Section

University of Pennsylvania
Haverford College
Bucknell University

Florida Section

University of Florida
Florida International University
Florida Atlantic University

Golden Section

Stanford University
University of California, Berkeley
University of California, Davis

Illinois Section

University of Chicago
University of Illinois
Northwestern University

Indiana Section

Purdue University
Rose-Hulman Institute of Technology
University of Notre Dame

Intermountain Section

Brigham Young University
Utah State University
University of Utah

Iowa Section

Iowa State University
University of Iowa
Dordt University
Grinnell College

Kansas Section

University of Kansas
Kansas State University

Wichita State University

Kentucky Section

University of Louisville
Campbellsville University
University of Kentucky

Louisiana-Mississippi Section

Louisiana State University
University of Louisiana, Lafayette
Tulane University
University of Mississippi

Maryland-DC-Virginia Section

University of Maryland, College Park
University of Virginia
Johns Hopkins University

Metro New York Section

Columbia University
New York University
Stony Brook University SUNY

Michigan Section

University of Michigan
Michigan State University
Hillsdale College

Missouri Section

Washington University in St. Louis
Missouri University of Science and Technology
Saint Louis University

Nebraska & Southeast South Dakota Section

University of Nebraska, Lincoln
University of Nebraska, Omaha
Hastings College

New Jersey Section

Princeton University
Rutgers, the State University of New Jersey
Rowan University

North Central Section

University of Minnesota, Twin Cities
University of Manitoba
Carleton College

Northeastern Section

Massachusetts Institute of Technology

Harvard University
Yale University

Ohio Section

Oberlin College
Case Western Reserve University
Ohio State University

Oklahoma-Arkansas Section

University of Oklahoma
Oklahoma State University
Oral Roberts University

Pacific Northwest Section

University of Washington, Seattle
Simon Fraser University
Oregon State University

Rocky Mountain Section

Colorado School of Mines
Colorado State University, Fort Collins
University of Wyoming

Seaway Section

University of Toronto
University of Waterloo
McGill University

Southeastern Section

Duke University
University of Alabama
Georgia Institute of Technology

Southern California-Nevada Section

Harvey Mudd College
University of California, Santa Barbara
University of California, Los Angeles

Southwestern Section

Arizona State University, Tempe
University of Arizona
Embry-Riddle Aeronautical University, Prescott

Texas Section

University of Texas, Dallas
Rice University
Texas A&M University

Wisconsin Section

University of Wisconsin, Madison

University of Wisconsin, Stevens Point

University of Wisconsin, Milwaukee