

LEMELSON-MIT

Student Prize Finalists

2021

**Muthukurisil Arivoli, Arushi Biswas, Nolan Burroughs,
Caroline Salzman, and Patrick Wilson**

Duke University, NC
Undergraduate Team

OsmoProcessor (Samuel Chen, Ruby Lunde, and Abe Wu)

University of Washington, WA
Undergraduate Team

AgriCORE (Ekaterina Danchenko, Seila De Leon, and Nat Irwin)

Yale University, CT
Undergraduate Team

Ahmet Emre

University of Michigan, MI
Graduate

Jennifer Jordan, David Lay, and Jean-Pierre Pillay

Portland State University, OR
Undergraduate Team

Emmanuel Okogbue

University of Central Florida, FL
Graduate

Gregory Poore

University of California San Diego, CA
Graduate

Sahil Shah

Massachusetts Institute of Technology, MA
Graduate

Pulkit Shamsbery

Massachusetts Institute of Technology, MA
Graduate

Thierry Tambe

Harvard University, MA
Graduate

Vedant

University of Illinois at Urbana-Champaign, IL
Graduate

Patrick Walton

Brigham Young University, UT
Graduate

2020**Seiji's Bridge (Quincy Brown, Alex Dassise, Josh Guggenheim, Caleb Jett, and Carter Kruse)**

Portland State University, OR; Missouri University of Science & Technology, MO; University of Oregon, OR; Columbia University, NY
Undergraduate Team

Sung Yul Chu

University of Michigan, MI
Graduate

Nancy Cui, Sylvia Jung, and Jared Lee

Rice University, TX
Undergraduate Team

AgriCORE (Ekaterina Danchenko, Seila De Leon, and Nat Irwin)

Yale University, CT

Undergraduate Team

Tejasvi Desai, Giang Hoang, Sarah Lee, and Eugene Oh

Johns Hopkins University, MD

Undergraduate Team

Ahmet Emre

University of Michigan, MI

Graduate

Alejandro Escontrela, Alden Hallak, and Ethan Tien

Georgia Institute of Technology, GA; University of Pennsylvania, PA

Undergraduate Team

Richard Liu

University of Illinois at Urbana-Champaign, IL

Graduate

**Organicin Scientific (Mathew Mitchell,
Griffin O'Driscoll, and Thomas White)**

Boston University, MA; University of Massachusetts Amherst, MA

Undergraduate Team

Mira Moufarrej

Stanford University, CA

Graduate

SIP Pad (John Nelms, Amy Tribble, and Anna Webster)

Tennessee Tech University, TN

Undergraduate Team

Sahil Shah

Massachusetts Institute of Technology, MA

Graduate

Julia Sokol

Massachusetts Institute of Technology, MA
Graduate

Julie Walker

Stanford University, CA
Graduate

Hyunwoo Yuk

Massachusetts Institute of Technology, MA
Graduate

2019

Alex Abramson

Massachusetts Institute of Technology, MA
Graduate

Xiangkun (Elvis) Cao

Cornell University, NY
Graduate

**IceTrax (Juan Castano, George Cheng, Allison Chuang,
Jonathan Martin, and Zoe Yu)**

Dartmouth College, NH
Undergraduate Team

**Cloud Agronomics (Evan Cater, Jack Roswell, David Schurman,
Julian Vallyeason, and Oleksiy Zhuk)**

Brown University, RI
Undergraduate Team

**Shop Drop Roll (Micaela Chiang, Daniel Daugherty,
and Andrew Holmes)**

Olin College of Engineering, MA
Undergraduate Team

Brandon Daveler

University of Pittsburgh, PA
Graduate

Martin de Beer

University of Michigan, MI
Graduate

**EmboQuant (Tatiana Gelaf, Joanna Guo, Jake Kim,
and Anil Paelpu)**

Johns Hopkins University, MD
Undergraduate Team

LEAF Systems (Jonathan Kelley and Julia Wang)

Massachusetts Institute of Technology, MA; Olin College of Engineering, MA
Undergraduate Team

Siddharth Krishnan

University of Illinois at Urbana-Champaign, IL
Graduate

KnoNap (Erik Schmid and Danya Sherman)

George Washington University, DC
Undergraduate Team

Shriya Srinivasan

Massachusetts Institute of Technology, MA
Graduate

George Sun

Massachusetts Institute of Technology, MA
Graduate

Deepak Vasisht

Massachusetts Institute of Technology, MA
Graduate

**Minimally Invasive Spinal Technology (Rohit Rustagi,
Alexander Singh, and George Vithoulkas)**

University of Virginia, VA
Undergraduate Team

2018

Joseph Andrews

Duke University, NC
Graduate

Need-a-Knee (Wasay Anwer and Matthew Chun)

Massachusetts Institute of Technology, MA
Undergraduate Team

Mercy Asiedu

Duke University, NC
Graduate

Michael Buchman

Massachusetts Institute of Technology, MA
Graduate

**IceTrax (Juan Castano, George Cheng, Allison Chuang,
Jonathan Martin, and Zoe Yu)**

Dartmouth College, NH
Undergraduate Team

Helios Hive (Mathias Dean and Baker McDonald)

Oregon Institute of Technology, OR
Undergraduate Team

Jaideep Dudani

Massachusetts Institute of Technology, MA
Graduate

Tiana Garcia, Morgan Kemp, Shelby Mochal, and Emily Russell

University of Wisconsin- Madison, WI

Undergraduate Team

Pranay Jain

Massachusetts Institute of Technology, MA

Graduate

Gierad Laput

Carnegie Mellon University, PA

Graduate

Nathan Matsuda

Northwestern University, IL

Graduate

Kevin Simon

Massachusetts Institute of Technology, MA

Graduate

Oculogx (Sarthak Srinivas and Charu Thomas)

Georgia Institute of Technology, GA

Undergraduate Team

Joshua Yang

Johns Hopkins University, MD

Graduate

2017

Kyle Brady and Skylar Eiskowitz

The Cooper Union, NY

Undergraduate Team

Michael Buchman

Massachusetts Institute of Technology, MA

Graduate

Kevin Golovin

University of Michigan, MI
Graduate

Park & Diamond (David Hall and Jordan Klein)

Virginia Polytechnic Institute and State University, VA
Undergraduate Team

Spario (Ruchi Patel and Giovanni Sanchez)

The Cooper Union, NY
Undergraduate Team

Halley Profita

University of Colorado Boulder, CO
Graduate

OxyCal (Preston Quine, Peter Suzuki, and Nishant Varma)

Rice University, TX
Undergraduate Team

Min Hao Wong

Massachusetts Institute of Technology, MA
Graduate

2016

Matthew Bilsky

Lehigh University, PA
Graduate

Michael Buchman

Massachusetts Institute of Technology, MA
Graduate

Daniel Chander, Jinsu Kim, Melody Lim, Sara Pak, and Gregory Poore

Duke University, NC
Undergraduate Team

Mary Dwyer and Anushree Sreedhar

The Cooper Union, NY
Undergraduate Team

Rachel Dymont and Timothy Oh

Rensselaer Polytechnic Institute, NY
Undergraduate Team

Ella Gehrke, Elise Kendall, Clayton Mooney, and Mikayla Sullivan

Iowa State University, IA
Undergraduate Team

Alan Ransil

Massachusetts Institute of Technology, MA
Graduate

Jonathan Slocum

Massachusetts Institute of Technology, MA
Graduate

Blake Teipel

Texas A&M University, TX
Graduate

Andrew Warren

Massachusetts Institute of Technology, MA
Graduate

2015

**Ashish Aman, Burak Arda Ozilgen, George Chen,
Stephen Chen, and Kathryn Hahn**

Johns Hopkins University, MD
Undergraduate Team

**White Light Medical (Anvesh Annadanam, Ravindra Gaddipati,
Luis Herrera, and Eric Xie)**

Johns Hopkins University, MD

Undergraduate Team

**Green2Go (Raza Asghar, Donald Bradfield, Shulin Chen,
Justin Cooper, and Monica Guardado)**

Pennsylvania State University, PA

Undergraduate Team

Joseph Azzarelli

Massachusetts Institute of Technology, MA

Graduate

Team Fluition (Leah Bauer, Kathryn Christopher, and Briauna Taylor)

Grand Valley State University, MI

Undergraduate Team

Allen Yuyin Chen

Massachusetts Institute of Technology, MA

Graduate

Jennifer Ding and Xin Huang

Rice University, TX

Undergraduate Team

David Kolesky

Harvard University, MA

Graduate

Sina Nassiri

Drexel University, PA

Graduate

2014

Joseph Azzarelli

Massachusetts Institute of Technology, MA

Graduate

BitDex (Angela Chu, Kaitlyn Bailey, Eric Crespo, Emily Dunne, Katherine Evans, Isaac Fenta, Austin Gutierrez, Bridget Hunter-Jones, Christopher Kelly, Immanuel Madukauwa- David, Guillermo Mirandes, Krista Nordin, Chistiana Rosales, Joshua Sibblies, Katarina Struckmann, Shaka Thornhill, and Juliana Wu)
Massachusetts Institute of Technology, MA
Undergraduate Team

Elliot Kastner, Andrew Smist, Quinn Connell and Noah Glennon
Dartmouth College, NH
Undergraduate Team

Theodora Koullias and Victoria Tam
Massachusetts Institute of Technology, MA
Undergraduate Team

Everett Lawson
Massachusetts Institute of Technology, MA
Graduate

John Lewandowski
Massachusetts Institute of Technology, MA
Graduate

OncoFilter (Aaron Maharry, Brett Geiger, Preethi Chidambaram, and Kinshuk Mitra)
Ohio State University, OH
Undergraduate Team

Chymos Needle (Jackson Morton, Matt Nagle, Hersh Desai, and Ravi Mahadevan)
Duke University, NC
Undergraduate Team

Rahul Mukerjee
Rensselaer Polytechnic Institute, NY
Graduate

R-ARM (Matthew Nojoomi, Nimish Mittal and Sergio Gonzalez)

Rice University, TX

Undergraduate Team

Adam Paxson

Massachusetts Institute of Technology, MA

Graduate

Nigel Reuel

Massachusetts Institute of Technology, MA

Graduate

Analisa Russo

University of Illinois at Urbana-Champaign, IL

Graduate

Maji (Kamal Shah, Erica Skerrett, Michael Pan, Bailey Flynn, and Matthew Nojoomi)

Rice University, TX

Undergraduate Team

2013

Ahmed Kirmani

Massachusetts Institute of Technology, MA

Graduate

Benjamin Peters

Massachusetts Institute of Technology, MA

Graduate

2012

Uri Laserson

Massachusetts Institute of Technology, MA

Graduate

Jay Silver

Massachusetts Institute of Technology, MA
Graduate

2011**Miles Barr**

Massachusetts Institute of Technology, MA
Graduate

2010**Barry Kudrowitz**

Massachusetts Institute of Technology, MA
Graduate

Amos Winter

Massachusetts Institute of Technology, MA
Graduate

2009**Erez Lieberman-Aiden**

Massachusetts Institute of Technology, MA
Graduate

2008**Manu Prakash**

Massachusetts Institute of Technology, MA
Graduate