

Podsumowanie dwumiesięcznego pobytu na UC Berkeley

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Katedra Mechaniki i Inżynierii Materiałowej

Program Top 500 Innovators

- Nawiększy rządowy program wspierania innowacyjności w nauce
- Budżet programu to 35 mln zł



- 9-cio tygodniowe programy stażowo szkoleniowe,
- najlepsze uczelnie na świecie (UC Berkeley, Stanford, Cambridge, Oxford),
- do końca 2015 roku uczestniczyło 500 osób,
- uczestnicy to naukowcy i pracownicy centrów transferu technologii,

Cele programu

Podniesienie kwalifikacji naukowców i pracowników CTT
zakresie:

- współpracy z gospodarką,
- zarządzania badaniami naukowymi,
- komercjalizacji wyników.

Nabywanie przez uczestników programu umiejętności pozyskiwania krajowych i europejskich środków przeznaczonych na badania.

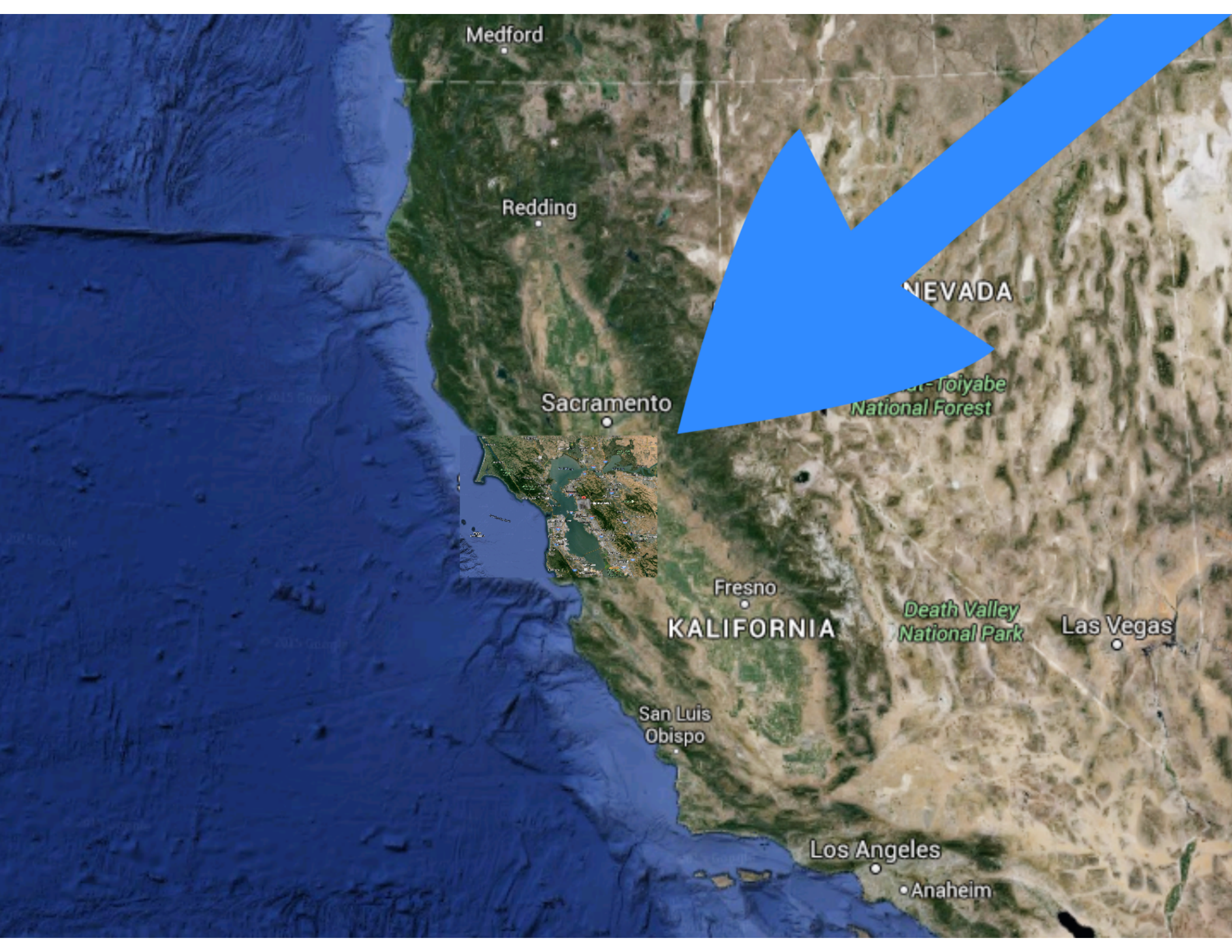
Zapewnienie transferu wyników prac B+R do gospodarki.

Uczestnicy programu

Pracownicy naukowcy lub badawczy polskich jednostek naukowych, prowadzący badania w obszarze nauk:

- ścisłych,
- przyrodniczych,
- technicznych,
- rolniczych,
- leśnych,
- weterynaryjnych,
- medycznych,
- nauk o zdrowiu,
- nauk o kulturze fizycznej.

Pracownicy CTT zajmujący się komercjalizacją wyników badań i transferem technologii.



Medford

Redding

Sacramento

NEVADA

Toiyabe
National Forest

Fresno

KALIFORNIA

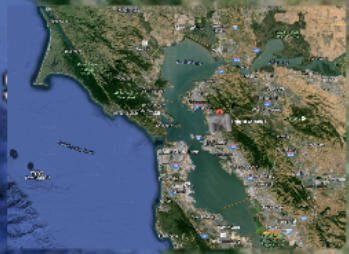
Death Valley
National Park

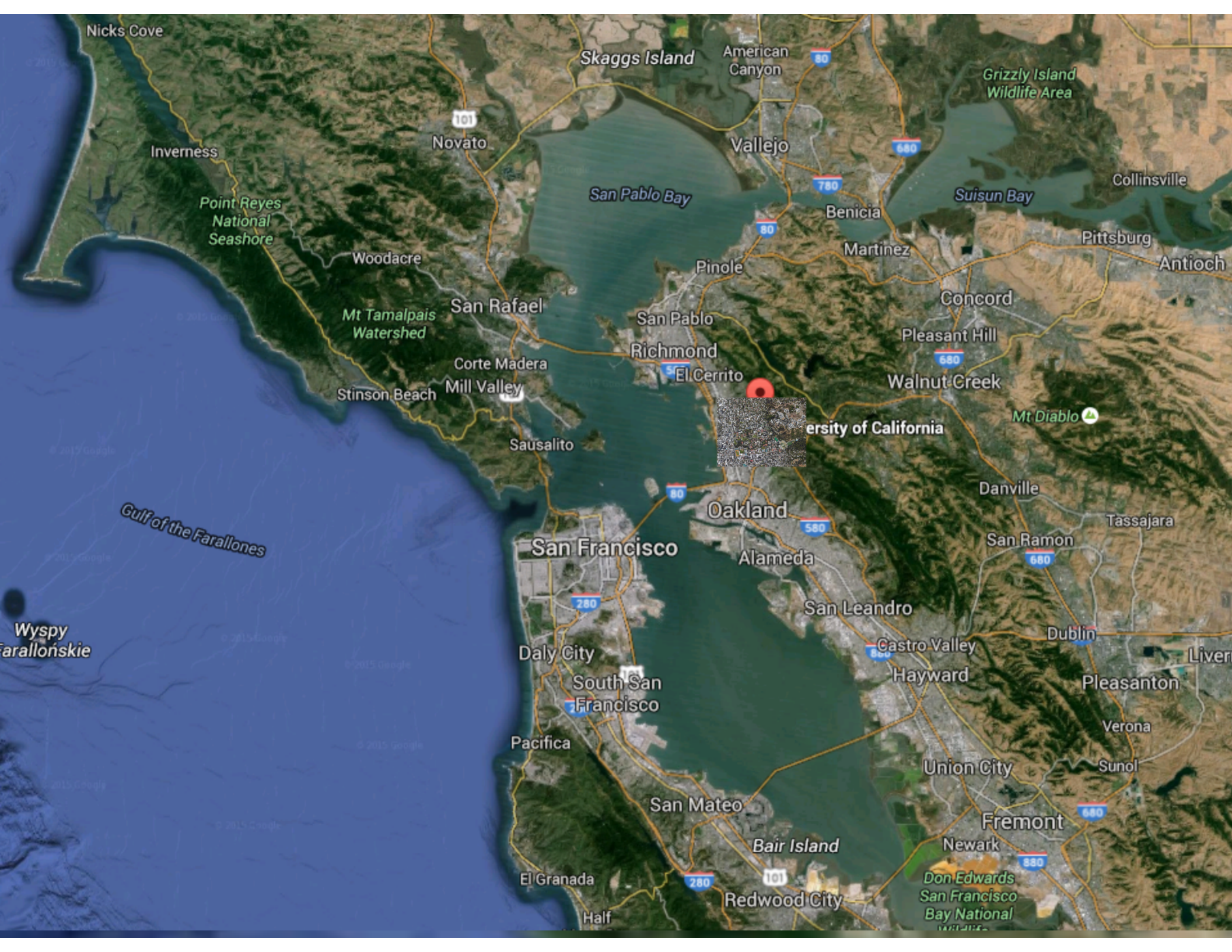
Las Vegas

San Luis
Obispo

Los Angeles

Anaheim





Nicks Cove

Skaggs Island

American Canyon

Grizzly Island Wildlife Area

Inverness

Novato

Vallejo

Suisun Bay

Collinsville

Point Reyes National Seashore

San Pablo Bay

Benicia

Pittsburg

Antioch

Woodacre

Pinole

Martinez

Concord

San Rafael

San Pablo

Pleasant Hill

Mt Tamalpais Watershed

Corte Madera

Richmond

Walnut Creek

Stinson Beach

Mill Valley

El Cerrito

University of California

Mt Diablo

Sausalito

Oakland

Danville

Gulf of the Farallones

San Francisco

Alameda

Tassajara

San Ramon

Wyspy Farallonskie

Daly City

San Leandro

Dublin

South San Francisco

Castro Valley

Hayward

Pleasanton

Pacifica

Union City

Sunol

San Mateo

Fremont

Newark

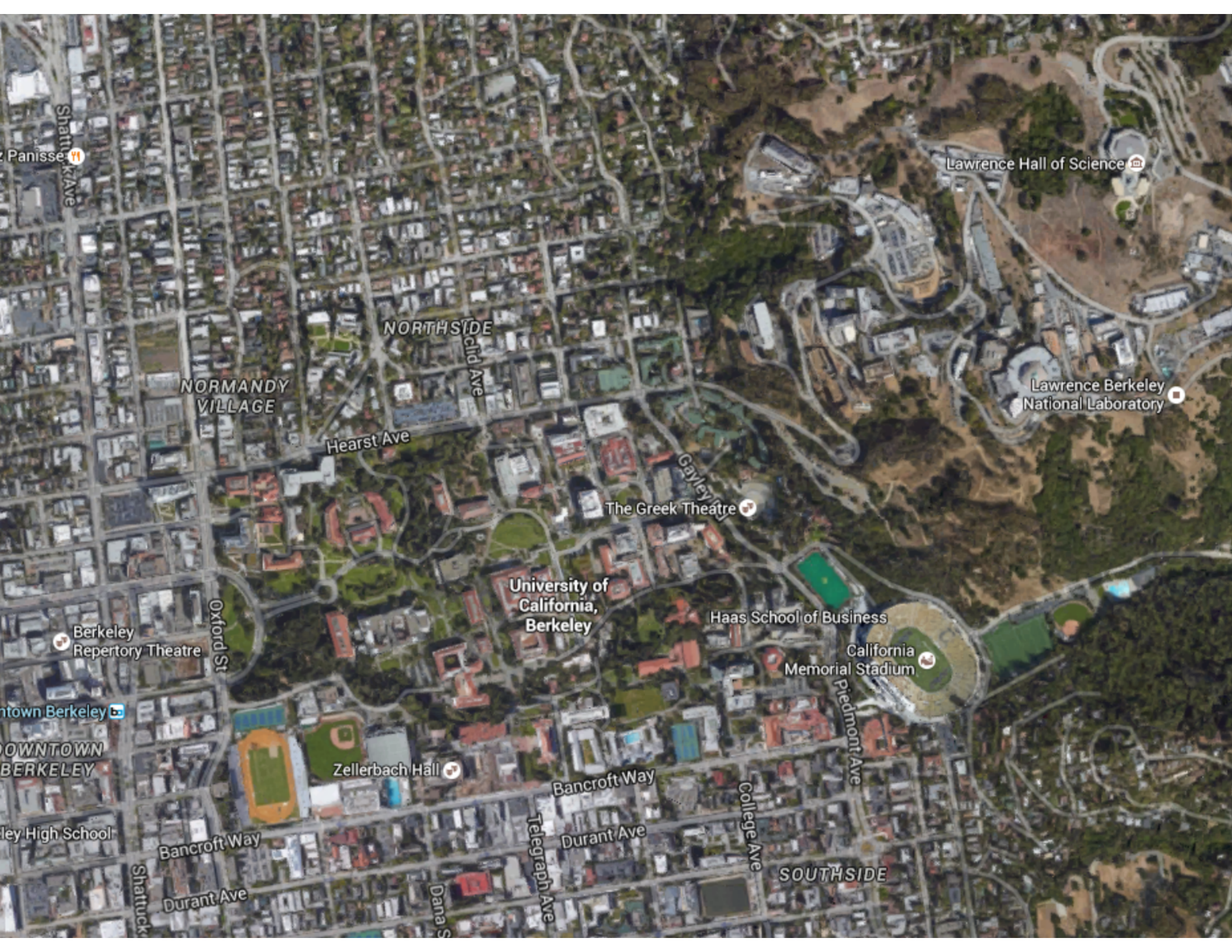
Bair Island

Don Edwards San Francisco Bay National Wildlife Refuge

El Granada

Redwood City

Half



Shattuck Ave

Panisse

Lawrence Hall of Science

NORTHSIDE

Elcild Ave

NORMANDY VILLAGE

Hearst Ave

Lawrence Berkeley National Laboratory

The Greek Theatre

Gayley Rd

University of California, Berkeley

Haas School of Business

Berkeley Repertory Theatre

California Memorial Stadium

Oxford St

Downtown Berkeley

DOWNTOWN BERKELEY

Zellerbach Hall

Piedmont Ave

Bancroft Way

Gayley High School

Bancroft Way

College Ave

SOUTHSIDE

Durant Ave

Durant Ave

Telegraph Ave

Shattuck

Dana St

UC Berkeley



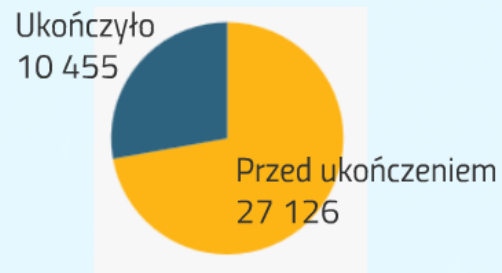
UC Berkeley w liczbach



Uniwersytet Publiczny



Wydziałów



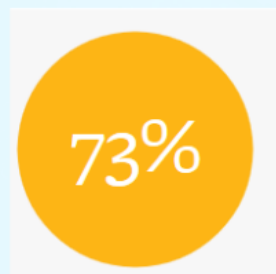
Liczba studentów 2014 - 37581



Uniwersytet na świecie



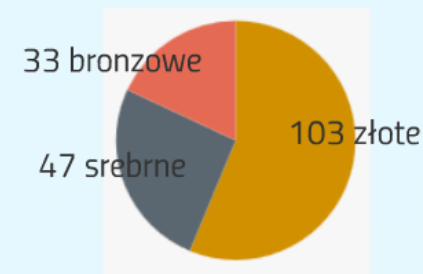
Nagrody Nobla otrzymane przez obecnych naukowców



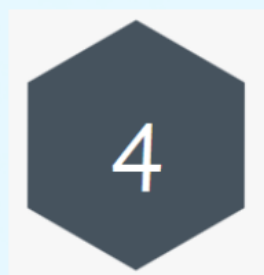
Zajęć z liczbą studentów mniejszą niż 30 osób



Stypendystów Fulbrighta



Medale Olimpijskie zdobyte przez studentów i absolwentów



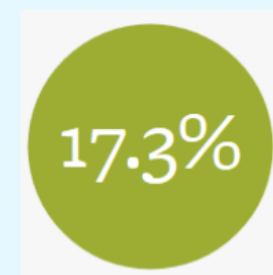
Nagrody Pulitzera otrzymane przez obecnych naukowców



Ksiązek w bibliotece UC Berkeley



Nagrody Nobla otrzymane przez Absolwentów Uczelni



Współczynnik akceptacji

Rank	School
#1	University of California—Berkeley Berkeley, CA
#2 Tie	University of California—Los Angeles Los Angeles, CA
#2 Tie	University of Virginia Charlottesville, VA
#4	University of Michigan—Ann Arbor Ann Arbor, MI
#5	University of North Carolina—Chapel Hill Chapel Hill, NC
#6	College of William and Mary Williamsburg, VA
#7	Georgia Institute of Technology Atlanta, GA
#8	University of California—San Diego La Jolla, CA
#9	University of California—Davis Davis, CA
#10	University of California—Santa Barbara Santa Barbara, CA

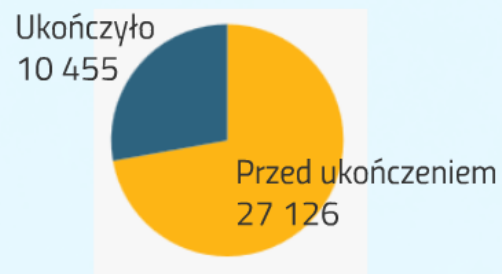
UC Berkeley w liczbach



Uniwersytet Publiczny



Wydziałów



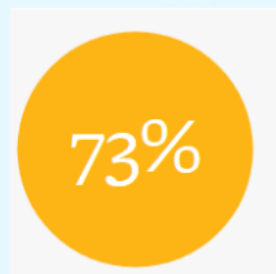
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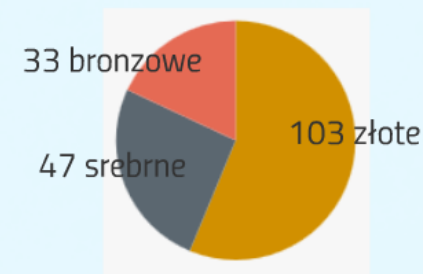
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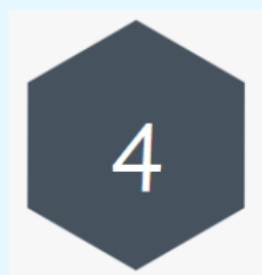
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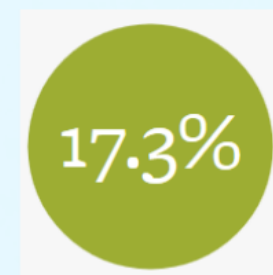
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Współczynnik akceptacji

Best Global Universities Rankings

Corrected 10/29/15: See the [Morse Code blog](#) for an update made to the 2016 Best Global Universities rankings.

These institutions from the U.S. and nearly 60 other countries have been ranked based on 12 indicators that measure their academic research performance and their global and regional reputations. Students can use these rankings to explore the higher education options that exist beyond their own countries' borders and to compare key aspects of schools' research missions. These are the world's top 750 universities.

[See the methodology »](#)

Rankings Search

[\[Reset search criteria\]](#)

Region

Select region

Country

Select country

City

Select city

Subject

Select subject

Name

School name

Showing 1-10 of 749 schools sorted by Global Rank

#1	Harvard University United States Cambridge, MA	100 Global Score
#2	Massachusetts Institute of Technology United States Cambridge, MA	94.3 Global Score
#3	University of California--Berkeley United States Berkeley, CA	92.2 Global Score
#4	Stanford University United States Stanford, CA	89 Global Score
#5	University of Oxford United Kingdom Oxford	86.7 Global Score
#6	University of Cambridge United Kingdom Cambridge	86.2 Global Score
#7	California Institute of Technology United States Pasadena, CA	85.1 Global Score



Featured Global University Advice



Get Parent Approval for a Degree Abroad

Convince your parents you should earn a degree abroad by talking about your employability after graduation.



Choose a Recruiting Agent Wisely

International students working with an agency should be aware of fees before they commit.



Quiz: Are You Ready to Apply to U.S. Universities?

International students: Test your knowledge of the U.S. college application process.

U.S. News College Compass

- Expanded Profiles for Nearly 1,800 Schools
- Minimum TOEFL Scores
- Comprehensive Financial Aid Info



[Learn More](#)

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Global Universities Search



Rankings Search

[Reset search criteria]

Region

Europe

Country

Poland

City

Select city

Subject

Select subject

Name

School name

Showing 1-5 of 5 schools sorted by Global Rank

#301 Tie	University of Warsaw Poland Warsaw	52.3 Global Score
#340	Jagiellonian University Poland Kraków	50.2 Global Score
#635 Tie	Warsaw University of Technology Poland Warsaw	37.8 Global Score
#682	University of Wrocław Poland Wrocław	36.1 Global Score
-	AGH University of Science & Technology Poland Krakow	

Featured Global University Advice



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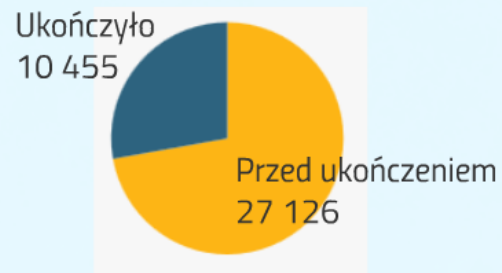
UC Berkeley w liczbach



Uniwersytet Publiczny



Wydziałów



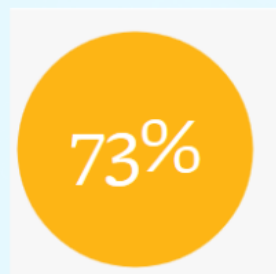
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Uniwersytet na świecie



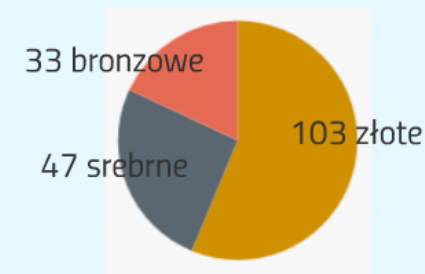
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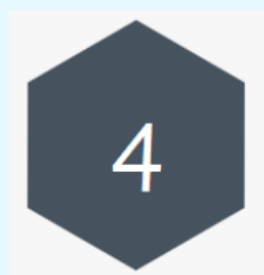
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Stypendystów Fulbrighta



Medale Olimpijskie zdobyte przez studentów i absolwentów



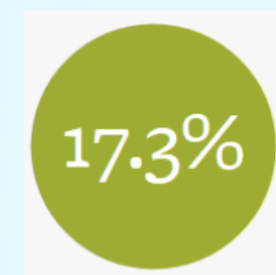
Nagrody Pulitzera otrzymane przez obecnych naukowców



Ksiązek w bibliotece UC Berkeley



Nagrody Nobla otrzymane przez Absolwentów Uczelni



Współczynnik akceptacji

Haas School of Business



Defining principles

- Question the Status Quo
- Confidence Without Attitude
- Student Always
- Beyond Yourself



Program Basics

	Full-Time MBA	Evening & Weekend MBA		Berkeley MBA for Executives (EMBA)
		Evenings Schedule Option	Weekends Schedule Option	
Duration	2 years (4 semesters)	3 years (6 semesters)	3 years (6 semesters)	19 months (5 terms)
Class Schedule	Monday-Thursday	Two evenings each week	All day Saturday	Thur-Sun about every 3 weeks
Location	On campus	On campus	Half on campus, half Silicon Valley	On campus
Degree Received	Berkeley MBA			
Program Start	August	August	August	May
Total Program Cost	*Approx. \$109,000 for CA residents and \$114,500 for out-of-state residents	*Approx. \$125,000		**\$159,900

**Total program costs for Full-time and Evening & Weekend MBA Programs are estimates made using current annual (Full-time) or per unit (Evening & Weekend) costs, and are subject to change. Visit our Financial Aid website for more info.*

***EMBA fees cover everything (course materials, hotel, most meals) except airfare.*

Class Profile

	Full-Time MBA	Evening & Weekend MBA		Berkeley MBA for Executives (EMBA)
		Evenings Schedule Option	Weekends Schedule Option	
Typical Class Size	240	250		70
Professional Experience	5 years median	7 years median; 4-11 years for middle 80%		13 years median; 7-20 years for middle 80%
Median Age	28 years	30 years		36 years
Where Students Come From	43% international; 57% U.S.	85% from SF Bay Area; 15% from LA, Sacramento, and out-of-state		70% from SF Bay Area; 30% from LA, West Coast, and other out-of-state

Program szkolenia

Szkolenie obejmowało:

- Cykl wykładów, związanych z tematyką zarządzania, ekonomii oraz planowania - 240h,
- Wizyty studyjne w firmach z obszaru Doliny Krzemowej - 15 firm,
- Staż na Uczelni lub w firmie - 32h,

Poland Top 500 Innovators Program

Week	Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	
	Date	9/27/2015	9/28/2015	9/29/2015	9/30/2015	10/1/2015	10/2/2015	10/3/2015
1	Location / FD / PM	Arrive	S-480 / Isaacs / Roms + Zasadzinski / WFC	S-480 / Fiske / Roms + Zasadzinski	Stadium / Fiske / Roms + Zasadzinski	S-480 / Isaacs / Roms + Zasadzinski	Stadium / Roms + Zasadzinski	Free
	Instructor / Topic		Isaacs - Opening Day	Fiske - Scientific Career Management	Worthington - Interpersonal Dynamics	Isaacs - Innovation Frameworks	Isaacs - Innovation Case Studies	
	Date	10/4/2015	10/5/2015	10/6/2015	10/7/2015	10/8/2015	10/9/2015	10/10/2015
2	Location / FD / PM	Free	S-480 / Fiske / Roms	S-480 / Hischier / Roms	S-480 / Hischier / Roms	S-480 / Isaacs / Zasadzinski	S-480 / Isaacs / Zasadzinski	Free
	Instructor / Topic		Fiske - Innovation Commercialization (RAPT/PAX)	Hischier - Managing Innovation	Hischier - Design Thinking	Isaacs - The Silicon Valley Model for Innovation	Isaacs - Introduction to Venture Capital	
	Date	10/11/2015	10/12/2015	10/13/2015	10/14/2015	10/15/2015	10/16/2015	10/17/2015
3	Location / FD / PM	Free	S-480 / Hischier / Roms	S-480 / Hischier / Roms	Site Visits / Roszkowska / Roms	Site Visits / Roszkowska / Estacio	Site Visits / Fiske + Roszkowska / Roms	Free
	Instructor / Topic		Saffo - Effective Forecasting	Bahrami - Super-flexibility and Dynamic Adaptation	AM: Flextronics, Milpitas / PM: Vasper, Mt. View	AM: Picarro, Santa Clara / PM: McKesson, SF	AM: Pax Water, Richmond / PM: Skydeck, Berkeley	
	Date	10/18/2015	10/19/2015	10/20/2015	10/21/2015	10/22/2015	10/23/2015	10/24/2015
4	Location / FD / PM	Free	Stadium / Fiske / Zasadzinski	Site Visits / Roszkowska / Estacio	Site Visits / Roszkowska / Garritson	S-480 / Isaacs / Zasadzinski	Stadium / Hischier / Roms	Free
	Instructor / Topic		Fiske - Business Model Canvas/Funding	AM: Oracle, Redwood Shores / PM: Energy Bioscience Institute	AM: Nimble Storage, Sunnyvale / PM: Seagate, Cupertino	Metzler - Sources of Innovation	Hischier - Scenario Planning	
	Date	10/25/2015	10/26/2015	10/27/2015	10/28/2015	10/29/2015	10/30/2015	10/31/2015
5	Location / FD / PM	Free	Free	S-480 / Isaacs / Estacio	Site Visit / Estacio/Smith	Site Visits / Roszkowska / Smith	Site Visits / Fiske / Garritson	Free
	Instructor / Topic			LaBlanc - Business Innovation	AM: Altera, San Jose / PM: Applied Materials, Santa Clara	AM: Google, Mountain View / PM: Intuitive Surgical, Sunnyvale	Lawrence Berkeley National Laboratory	
	Date	11/1/2015	11/2/2015	11/3/2015	11/4/2015	11/5/2015	11/6/2015	11/7/2015
6	Location / FD / PM	Free	Various / Hischier	Helzel / Hischier / Zasadzinski	Various / Hischier	Various / Hischier	Various / Hischier	Free
	Instructor / Topic		Internships	Hischier - Managing Innovation	Internships	Internships	Internships	
	Date	11/8/2015	11/9/2015	11/10/2015	11/11/2015	11/12/2015	11/13/2015	11/14/2015
7	Location / FD / PM	Fiske/Dinner/G hostbusters	Helzel / Fiske / Roms	Helzel / Hischier / Estacio	Helzel / Hischier / Roms	Helzel / Hischier / Zasadzinski	Helzel / Hischier / Roms	Free
	Instructor / Topic		Fiske - Academic Commerce / IP	Campbell - Modern Corporate Entrepreneurship	Nauta - Bringing Silicon Valley to Poland	Hischier - Organizational Leadership	Wilton - Thinking Strategically	
	Date	11/15/2015	11/16/2015	11/17/2015	11/18/2015	11/19/2015	11/20/2015	11/21/2015
8	Location / FD / PM	Free	S-480 / Isaacs / Roms	S-480 / Isaacs / Estacio	S-480 / Isaacs / Estacio	Helzel / Isaacs / Roms	S-480 / Isaacs / Zasadzinski	Free
	Instructor / Topic		Coopersmith - Failure and Success	Nauta - Doing a Startup in Europe	Rendon - The Undiscovered Future	Bahrami - Innovation, Effective Execution and Teamwork	Anderson - Communication, Collaboration, and Influence	
	Date	11/22/2015	11/23/2015	11/24/2015	11/25/2015	11/26/2015	11/27/2015	11/28/2015
9	Location / FD / PM	Free	S-480 / Fiske / Zasadzinski	Stadium / Fiske / Zasadzinski / Seaborg Room	S-480 / Fiske / Roms + Zasadzinski	Free	Free	Depart
	Instructor / Topic		Fiske - Selling/Story/Mission	Kellogg - Commercializing your ideas	Imura - New Business in the IOT World			

Program szkolenia - wykłady

Peter Fiske - Scientific Career Management,
Cort Worthington – Interpersonal Dynamics,
Andrew Isaacs - Innovation Frameworks,
Andrew Isaacs - Innovation Case Studies,
Peter Fiske - Innovation Commercialization (RAPT/PAX),
Whitney Hischier - Managing Innovation,
Whitney Hischier - Design Thinking,
Andrew Isaacs - The Silicon Valley Model for Innovation,
Andrew Isaacs - Introduction to Venture Capital,
Paul Saffo - Effective Forecasting,
Homa Bahrami - Super-flexibility and Dynamic Adaptation,
Peter Fiske - Business Model Canvas/Funding,
Jon Metzler - Sources of Innovation,
Whitney Hischier - Scenario Planning,
Greg LaBlanc - Business Innovation,

Whitney Hischier - Managing Innovation,
Peter Fiske - Academic Commerce / IP,
Paul Campbell - Modern Corporate Entrepreneurship,
Frans Nauta - Cleantech Innovation,
Whitney Hischier - Organizational Leadership,
Peter Wilton - Thinking Strategically,
Mark Coopersmith - Failure and Success,
Frans Nauta - Doing a Startup in Europe,
John Rendon - The Undiscovered Future,
Homa Bahrami - Innovation, Effective Execution and Teamwork,
Cameron Anderson - Communication, Collaboration, and Influence,
Peter Fiske - Selling/Story/Mission,
Clark Kellogg - Commercializing your Ideas,
Ryo Imura - New Business in the IOT World,

Program Szkolenia - wizyty studyjne

flex
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BERKELEY LAB
Lawrence Berkeley National Laboratory

PICARRO

SKYDECK

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storage

ALTERA

Google

MCKESSON
Empowering Healthcare

 **PAX**
WATER TECHNOLOGIES™

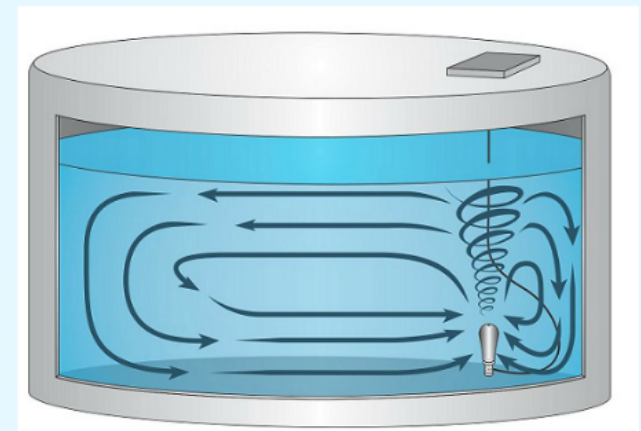
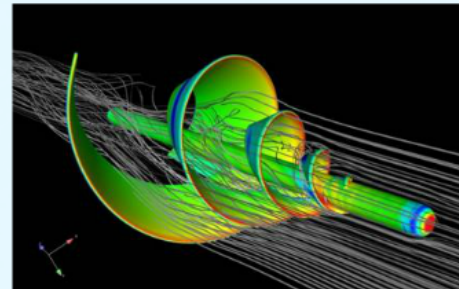
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BIOSCIENCES
INSTITUTE.org

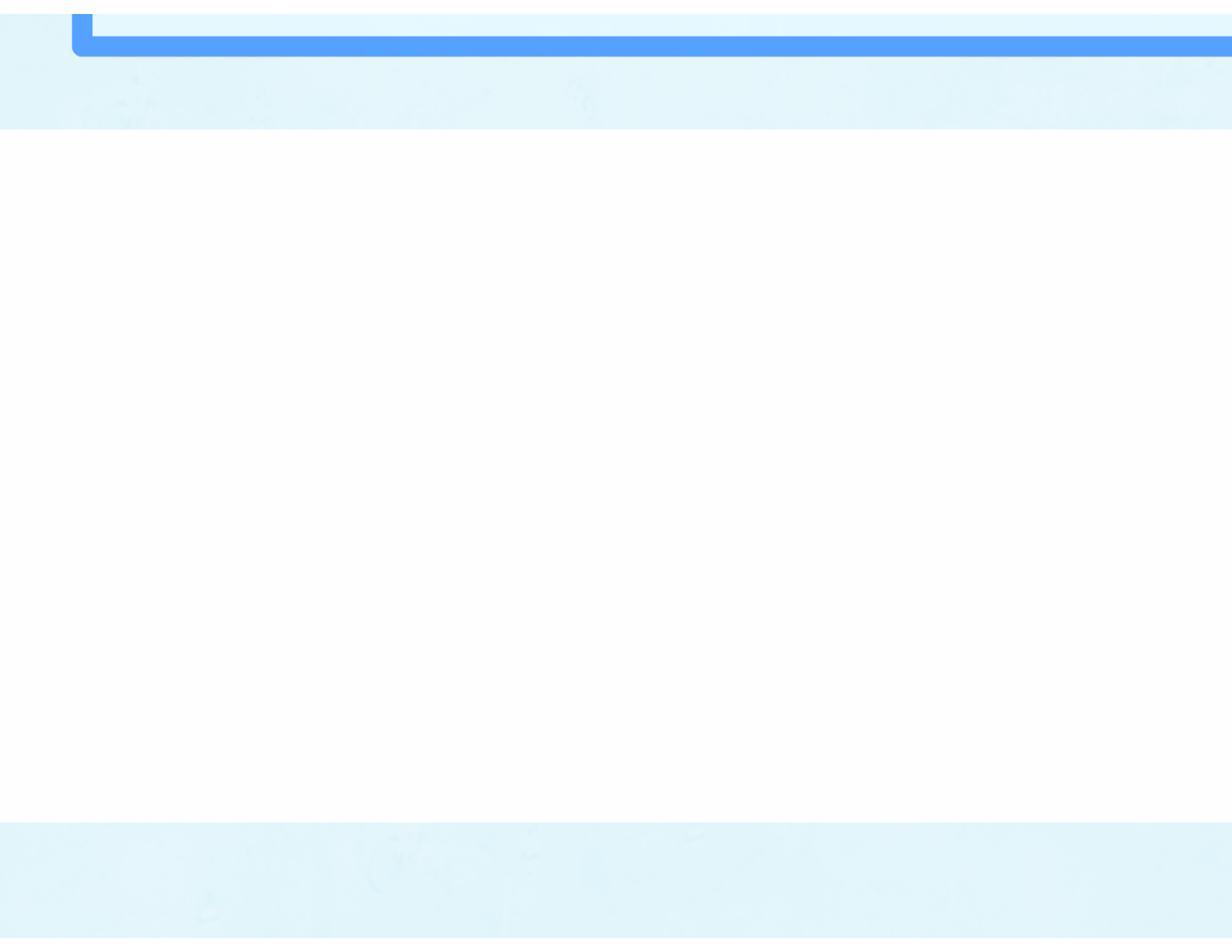
 SEAGATE

 **APPLIED**
MATERIALS[®]

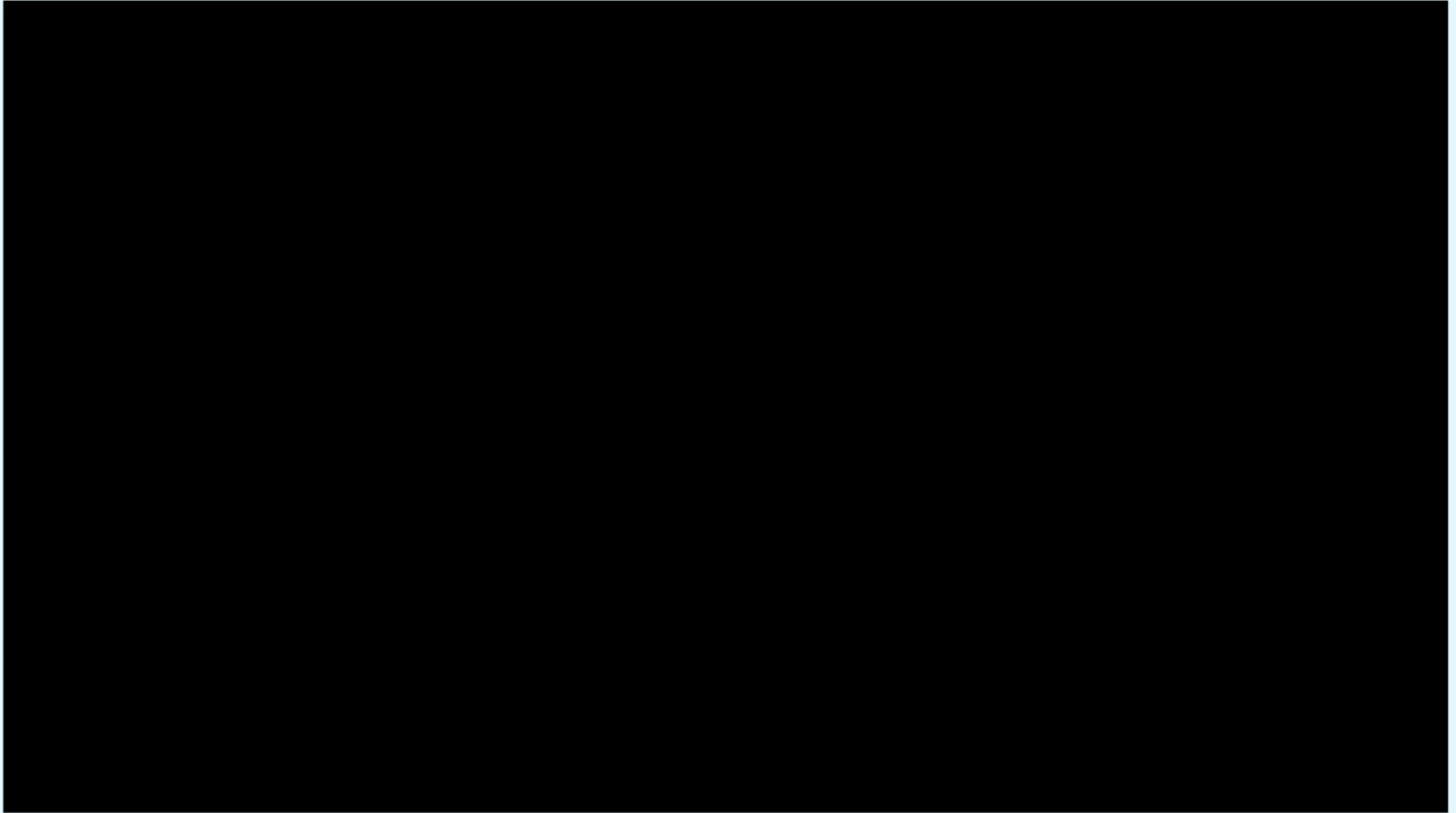
Program szkolenia - staż w firmie

Firma Pax Water Technologies





Projekt końcowy



Projekt końcowy









Мапа absolwentów programu



Stowarzyszenie Top 500 Innovators

Stowarzyszenie zostało powołane z inicjatywy Absolwentów Programu Ministerstwa i Szkolnictwa Wyższego "Top 500 Innovators: Science - Management - Commercialization

Stowarzyszenie zostało powołane w celu stworzenia interdyscyplinarnej platformy współpracy pomiędzy przedstawicielami środowisk naukowych i CTT w Polsce, wykorzystując doświadczenie zdobyte na najlepszych uczelniach na świecie.

Działalność Stowarzyszenia obejmuje:

- promocję postaw innowacyjnych,
- promocję przedsiębiorczości akademickiej,
- propagowanie idei współpracy nauki i biznesu,
- propagowanie komercjalizacji badań naukowych.



Dziękuję za uwagę