



THE **SEASTEADING** CONFERENCE

MAY 31 - JUNE 2, 2012
LE MÉRIDIEN
SAN FRANCISCO, CA

THE **SEASTEADING** INSTITUTE

PROGRAM GUIDE

THE SEASTEADING CONFERENCE

A Welcome Letter from the Institute's Senior Director, Randolph Hencken

The Seasteading Conference places us at the precipice of a dramatic advancement for humanity.

We are all here to catalyze new enterprises, and discover where we fit into the future of floating cities. As a 501c(3) nonprofit, The Seasteading Institute does not plan to launch its own seasteading

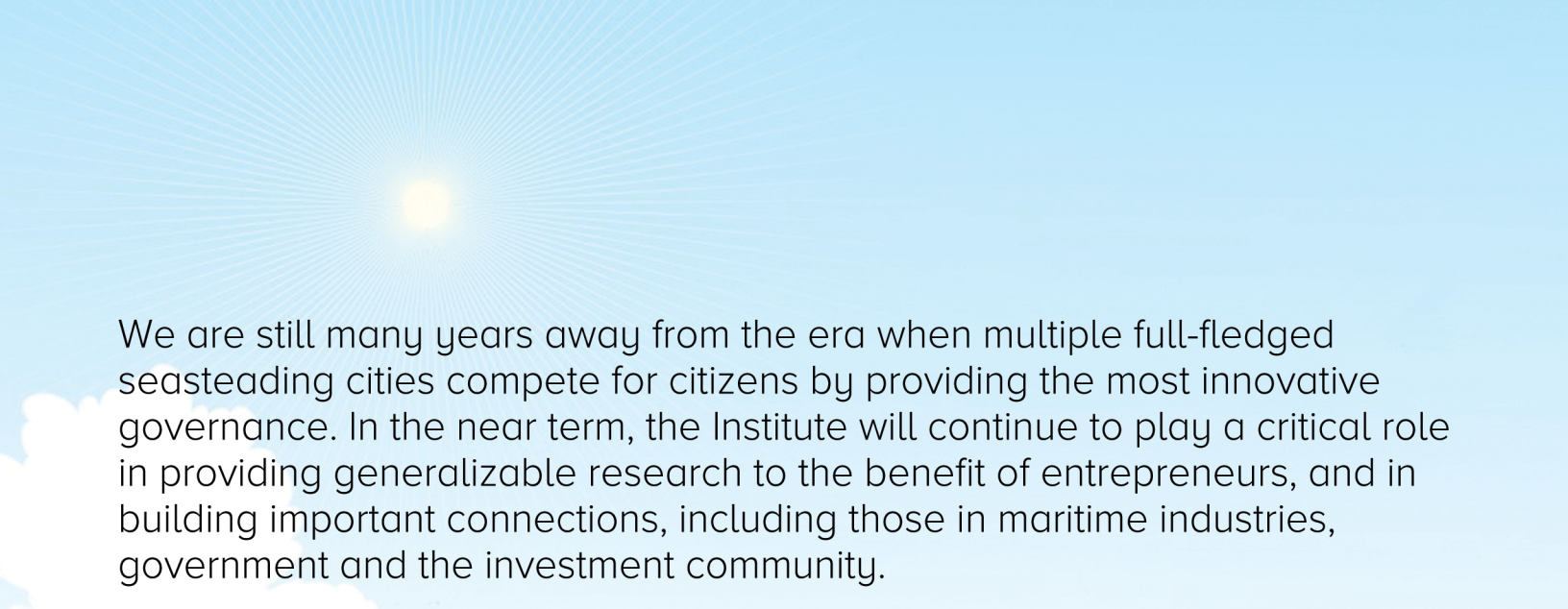
venture; instead it depends on the cooperation of dedicated individuals and groups to spur viable and sustainable seasteading businesses. We are not the first to seek freedom on the high seas, but we are the first to temper this idealistic vision with a realistic strategy of incrementalism.



With pragmatism in mind, we have curated a program featuring some of the best and brightest seasteaders, to inspire and inform attendees of the latest progress in key areas of near-term business development. We are confident that this conference will be a turning point for the seasteading movement. Our previous conferences devoted considerable attention to the vision and theoretical aspects of seasteading, while this event focuses on practical steps to mobilize new seasteading ventures to test the water within the next few years.

One of our main objectives for this conference was to create an atmosphere conducive to collaboration among those with the capacity and enthusiasm to get involved in seasteading ventures. You will spend the weekend in the presence of some of the seasteading movement's most dedicated people. Our program reflects a diversity of issues relevant to seasteading, and we trust that you will find the topics to be practical and informative. I hope you will take advantage of this opportunity to become actively involved in a seasteading project.

Continued...



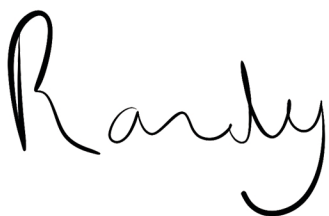
We are still many years away from the era when multiple full-fledged seasteading cities compete for citizens by providing the most innovative governance. In the near term, the Institute will continue to play a critical role in providing generalizable research to the benefit of entrepreneurs, and in building important connections, including those in maritime industries, government and the investment community.

Just as the Institute has honed its strategy in the past, we will adapt to help seasteaders face new challenges in the coming years. Once several businesses are operating on the high seas, perhaps the Institute will again evolve, becoming a trade association that advocates on their behalf and coordinates among seasteads and existing governments and industries. Alternatively, the Institute might find itself involved in specific seasteading activities, testing proof-of-concept businesses and technologies. Whichever direction we turn to next, we are counting on your support in the coming years for our success.

Your participation in this conference is a critical step toward floating cities, but what you do after the conference is even more important. The Institute is here to enable you to be more productive and effective players in the seasteading movement, and you should not hesitate to approach any of our knowledgeable staff with questions, ideas, or concerns.

Finally, on behalf of everyone at the Institute, I welcome you to The Seasteading Conference 2012.

Toward the high seas,



Randy

THE SEASTEADING CONFERENCE

Schedule for Friday June 1, 2012

- 7:30 AM - *Continental Breakfast Served*
- 9:00 AM - *Welcome* - James O'Neill (The Thiel Foundation, The Seasteading Institute)
- 9:15 AM - *The Big Picture* - Patri Friedman (The Seasteading Institute)
- 9:45 AM - *Economic Viability of Large Floating Structures* - William J. Riedy
(The Maritime Alliance)
- 10:15 AM - *Engineering Overview: Where We've Been, Where We Are,
and Where We Are Going* - George Petrie (The Seasteading Institute)
- 11:00 AM - *Break*
- 11:15 AM - *Engineering Research: Evaluation of Sustainable Energy Options* -
Melissa Roth (Institute Intern, Chemical Engineer Graduate of
Northeastern University)
- 11:30 AM - *Engineering Research: Wind and Wave Energy* - Guillaume Ardoise
(The Seasteading Institute Engineering Board Advisor)
- 11:45 AM - *Ocean Thermal Energy Conversion* - Patrick Takahashi (Blue Revolution, Director
Emeritus at the Natural Energy Laboratory, University of Hawaii)
- 12:15 PM - *OTEC International* - Robert Nicholson III (President, OTEC International, LLC)
- 12:30 PM - *Lunch* - The Farmers' Produce Stand
- 1:30 PM - *Seastead Security* - Ben Harmon (California Maritime Academy Student)
- 2:00 PM - *Ocean Law Panel* - Myron Nordquist (Center for Oceans Law and Policy,
University of Virginia) & John Briscoe (Law of the Sea Institute, University of
California at Berkeley)
- 3:30 PM - *Break*
- 4: 00 PM - *Lightning Rounds*
- John Trepl (Marine Hydroelectric Company)
 - Mike Doty (Delishus Fishes)
 - Michelle & Thronnd Toftely (Res Judicata)
 - Gabriel Rothblatt (Terasem)
 - Tim Potter (Bamboo: Nature's Aluminum Poles)
 - Henry Mariano (CEO, Harvest Energy)
 - Neil Sims (IMAGEn Project)
- 5: 00 PM - *Closing* - Jonathan Cain (The Thiel Foundation, The Seasteading Institute)
- 7:00 PM - *Benefactors' Dinner at Forbes Island, pre-paid guests only*

THE SEASTEADING CONFERENCE

Schedule for Saturday June 2, 2012

- 7:30 AM - *Continental Breakfast Served*
- 9:00 AM - *Welcome* - Mike Gibson (The Thiel Foundation, Let A Thousand Nations Bloom)
- 9:15 AM - *Seasteading: How Ocean Cities Will Change the World* - Joe Quirk
(The Seasteading Institute, Author)
- 9:30 AM - *Blueseed Panel* - Max Marty (CEO of Blueseed)
Dario Mutabdzija (President of Blueseed)
Dan Dascalescu (CIO of Blueseed)
- 10:30 AM - *Liquidity on the High Seas: Financial Seasteading* - Alexander D. Wissner-Gross
(Institute Fellow, Harvard University Institute for Applied Computational Science)
- 11:00 AM - *Break*
- 11:15 AM - *Seasteading Medical Tourism* - Marc Joffe (Public Sector Credit Solutions)
- 11:45 AM - *Seasteading Medical Tourism Proposal* - Peter Wei
(Duke University Medical Student, The Seasteading Institute Grantee)
- 12:00 PM - *Critical Questions for Seasteading Medical Tourism* - Nishant Bagadia
(Health Travel Technologies, University of California at Berkeley/
University of San Francisco Ph.D. Candidate)
- 12:30 PM - *Lunch* - A Taste of Italy
- 1:30 PM - *Ocean Algae for Seastead Integrated Solutions (Project OASIS)* -
Baoguang Zhai (Institute Intern, Tufts University Student)
Ryan Larsen (Research Volunteer, California Maritime Academy Engineering Cadet)
Charlie Deist (The Seasteading Institute)
- 2:00 PM - *Sea Farming* - Ricardo Radulovich (University of Costa Rica, The Seasteading
Institute Grantee)
- 2:30 PM - *The Vellella Project* - Neil Sims (Kampachi Farms)
- 3:00 PM - *Break*
- 3:30 PM - *Presenting the Seasteading Concept to New Audiences* - John Chisholm
(The Seasteading Institute, Serial Software Entrepreneur)
- 3:45 PM - *Open Forum*
- 4:30 PM - *Closing Remarks* - Patri Friedman, Randolph Hencken, and Chris Williams
(The Seasteading Institute)
- 6:15 PM - *Boarding begins for Sunset Dinner Cruise*
- 6:30 PM - *Cruise Embarks*
- 9:30 PM - *Cruise Returns*



THE SEASTEADING CONFERENCE

EVENING EVENTS

WELCOMING RECEPTION -

Thursday, May 31 6pm - 8pm

Club Lounge, The Infinity Towers
333 Main Street
San Francisco, CA 94105

The Club Lounge at The Infinity residential towers has ample parking nearby, both public garage (on Folsom at Embarcadero) and street. Alternatively, the Club Lounge is an eight-minute walk from the Embarcadero BART/Muni station, a ten-minute walk from the San Francisco Ferry Building, and a two-minute walk from the Embarcadero/Folsom Muni stop.

From either Main Street or Spear Street (both at Folsom Street), walk to the open-air plaza between the high-rise residential towers at 301 Main Street and 338 Spear Street. Midway between the towers, look for and follow the flight of stairs leading up to the Lounge, which is actually part of 333 Main Street. Wheelchair access is available from the lobby of 333 Main Street.

DIRECTIONS FROM LE MÉRIDIEN

(Driving Time - 15 min., Walking Time - 15 min.)

1. Head south on Battery St. (0.1 mi)
2. Turn left on California St. (0.1 mi)
3. Turn right on Davis St. (377 ft.)
4. Continue onto Beale St. (0.4 mi.)
5. Turn left on Folsom St. (351 ft.)
6. Turn right on Main St. (203 ft.) Infinity Towers will be on your right.

BENEFACTORS' DINNER -

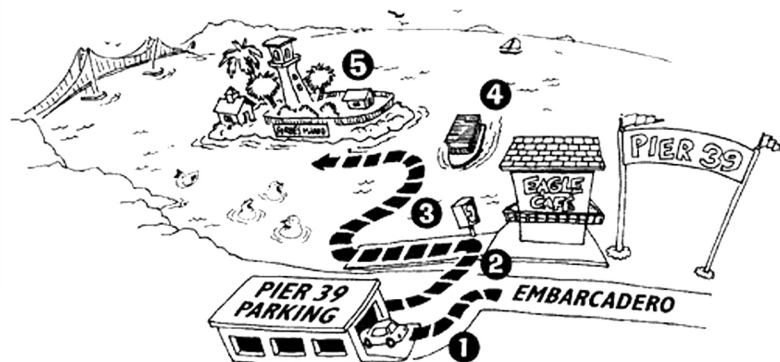
Friday, June 1 - Dinner starts at 7pm, cruise ends at 10pm
Pre-paid Attendees Only

Forbes Island is located in the world famous Sea Lion Harbor, between Piers 39 and 41. The only way to get to the island is by complimentary private shuttle boat, which runs continuously from "H" Dock (to the left of Pier 39, directly below the pedestrian overpass) after 5pm. The shuttle boat can also be called directly from the small grey telephone located at the entrance to "H" Dock. Validated Parking is available at the Pier 39 Parking Garage.

DIRECTIONS FROM LE MÉRIDIEN

(Driving Time 7 min., - Walking Time - 25 min.)

1. Head south on Battery St. (249 ft.). If you are walking, head north on Battery St. for 0.6 mi. and skip to step 5.
2. Turn right on Sacramento St. (338 ft.)
3. Turn right on Sansome St. (0.3 mi.)
4. Turn right on Broadway (0.3 mi.)
5. Turn left on The Embarcadero (0.9 mi.). If driving, park in the Pier 39 parking garage.
6. Take the shuttle boat at the "H" dock to Forbes Island





THE SEASTEADING CONFERENCE

EVENING EVENTS

SUNSET DINNER CRUISE -

Boards at 6:15pm, Embarks at 6:30pm, Returns at 9:30pm

DEPARTS FROM PIER 40

Pier 40 is one-half mile south of the Ferry Building next to AT&T Park. It is NOT next to Pier 39.

DIRECTIONS FROM LE MÉRIDIEN

(Driving Time - 7 min., Walking Time - 30 min.)

1. Head south on Battery St. (0.1 mi.)
2. Turn left on California St. (0.1 mi.)
3. Turn right on Davis St. (377 ft.)
4. Continue onto Beale St. (0.4 mi.)
If walking, go 0.7 miles to The Embarcadero and skip to step 6.
5. Turn left on Folsom St. (0.2 mi.)
6. Turn right on The Embarcadero (0.7 mi.)
7. Turn left on Townsend St. (161 ft.)

* You will see the Pier 40 sign written on the pier itself, and the Java House just north of the pier. There is an open-air parking lot between Brannan & Bryant (for \$9) before you reach the Pier 40 entrance, as well as metered parking along Embarcadero.

PARKING AT PIER 40

- **Metered Parking Lot** – Limited public parking is available around this location (\$0.25 per half hour). Due to the proximity to AT&T Park, these on-street parking spaces will be more difficult to park in during the baseball season.

- **Bryant St. & Embarcadero Parking Lot** – Corner of Bryant St. and Embarcadero. This parking lot has 545 spaces, is open 24 hours a day with an attendant on site until 6:00 p.m. unless there is a game. Then there is an attendant until 11:00 p.m. They charge a flat rate of \$8.00 per car unless a game or other event is happening. They then charge \$15.00 per car.

- **175 Townsend St. Parking Lot** – They charge a \$6.00 flat rate per car but are only open from 7:00 a.m. to 6:00 p.m. (except for night baseball games).

- **178 Townsend St. Parking Lot** – This garage is only open from 7:00 a.m. to 7:00 p.m. excluding baseball games.

- **Stanford & 2nd Parking Lot** – 680 Stanford St and 635 2nd St. These two lots are run by the same company and are only open from 6:00 a.m. to 6:00 p.m. except for night baseball games.

Please make sure to give yourself plenty of time to find parking if you have not arranged motor coach transportation.



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Speaker Bios

(in alphabetical order)



Guillaume Ardoise

gardoise@yahoo.com

Engineering Board Advisor, The Seasteading Institute

Born in France, Guillaume Ardoise graduated from UC Berkeley in 1999 with a Master of Engineering in Naval Architecture and Offshore Engineering. Since then, he has built a track record in both business and technology development, with an emphasis on offshore energy systems.

He has participated in engineering design, wave tank testing, as well as technological and financial assessment of various devices. He holds several patents and has successfully introduced new concepts and breakthrough technologies.

At SBM Offshore, a leader in the offshore oil and gas sector, Guillaume played a central role in the company's entry strategy into marine renewables: wave, tidal, floating wind and ocean thermal energy conversion (OTEC).

Guillaume's most recent project involves a revolutionary wave energy converter that is entirely flexible, made of "Electro-Active Polymer," or "artificial muscle"; he set up and managed a proposal for a four-year development project and obtained an \$11 million governmental grant last year for the demonstration of this technology.

His roles and responsibilities have enabled him to build an extensive network, in the US and Europe, of marine technology developers, industrial leaders in offshore oil and gas, marine research institutes, contractors for the French and US Navy, and lobbying groups close to the European Commission.

Guillaume is currently based in the south of France. He joined the board of engineering of The Seasteading Institute last February, and is interested in contributing to the sustainable development of seasteads through the integration of breakthrough technologies in world-class projects.



Nishant Bagadia

nbagadia@gmail.com

PhD/VP Business Development, Health Travel Technologies

Nishant Bagadia is the Vice President of Strategy and Business Development at Health Travel Technologies (HTT), a start-up that provides cloud-based applications to power and connect a global healthcare industry and referral network. HTT enables high-touch customer service and relationships between patients and doctors. Nishant is also a Doctorate student at University of California Berkeley and University of California San Francisco, where his research in the social science of the international

healthcare sector focuses on many of the growing socio-economic trends of medical travel.

He is a former Business Technology Consultant at Deloitte Consulting LLP, USA, and was the Business Development Officer at BrainReactions LLC, in Madison, Wisconsin. Nishant has a master's degree in Sociology from the London School of Economics, and a bachelor's degree from the University of Wisconsin Madison.



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John Briscoe

jbriscoe@briscoelaw.net

Attorney

John Briscoe is among the preeminent coastal and ocean lawyers in the United States. In addition to his private law practice, he is Distinguished Senior Visiting Scholar at the Law of the Sea Institute at UC Berkeley, and was an appointee of the President of the University of California to the California Sea Grant Advisory Board for 12 years.

John has practiced law in San Francisco for 40 years. His clients have included the countries of Kuwait, South Korea, and Ethiopia, the United Nations Compensation Commission (which heard the environmental claims arising from Iraq's invasion and occupation of Kuwait in 1990-1991), the states of California, Alaska, Georgia and Hawaii, and the Territory of Guam. He has represented large and small coastal landowners, many coastal cities including San Francisco and San Diego, and several port authorities, including the Port of Oakland and the Port of Richmond, California.

He has tried and argued cases before the Permanent Court of Arbitration in The Hague, the Supreme Court of the United States, and scores of other courts. He was a founder of the San Francisco Bay Planning Coalition, an organization of Bay Area ports, cities and bayside property owners. He served on its board of directors for 29 years and twice served as its chair. He has edited a book on the law of the sea, and has authored numerous journal articles on the subject.



Jonathan Cain

President, The Thiel Foundation

Board Member, The Seasteading Institute

Jonathan Cain is co-founder of the 20 Under 20 Thiel Fellowship, which identifies and supports the tech visionaries of tomorrow. He also serves as a principal at Clarium Capital and sits on the boards of the SENS Foundation, a nonprofit that works to develop, promote, and ensure widespread access to regenerative medicine solutions to the disabilities and diseases of aging, as well as The Seasteading

Institute. Before joining the Thiel Foundation and Clarium, Jonathan served as speechwriter to the Secretary of Health and Human Services. He lives with his wife, Robyn, in San Francisco.



John Chisholm

Serial Software Entrepreneur

Board Member, The Seasteading Institute

In 1992, John Chisholm founded and served as CEO & Chairman of Decisive Technology, publisher of the first desktop and client-server software for conducting surveys through email and the web. Decisive Technology became the leading desktop application for online surveys and is now a part of Google. In 1997, he

founded CustomerSat, where he served as CEO & Chairman for a decade until its acquisition by MarketTools in early 2008.

John also chairs the MIT Club of Northern California (a nonprofit organization serving over 10,000 alumni), is a trustee of the Santa Fe Institute, a member of the MIT Corporation Development Committee, and a volunteer with MIT's Venture Mentoring Service, which helps young entrepreneurs start their own businesses. John received degrees in electrical engineering and computer science from MIT and an MBA from Harvard Business School.



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Dan Dascalescu
dan@blueseed.co
CIO, Blueseed Inc.

Dan Dascalescu is the CIO of Blueseed, the first startup community at sea, scheduled to launch in 2013. Dan is also an ambassador for The Seasteading Institute.

Prior to Blueseed, Dan founded the Quantified Self Forum, a community for those passionate about self-tracking and related technologies. Earlier, he led localization efforts at Yahoo! and managed Yahoo!'s internal wiki, contributed to a number of open source projects, worked in satellite communications in Belgium, and co-authored and translated several books on computer networks and software development.

Dan studied Computer Science at the University of Galatzi, Romania, and has taken classes in nanotechnology and molecular biology in Silicon Valley, where he has been living since 2005. He is passionate about emergent technologies, critical thinking, transhumanism, psychology, and business development.



Charlie Deist
charlie@seasteading.org
Staff Writer, The Seasteading Institute

Charlie Deist graduated with a BA in economics from UC Berkeley in 2011, and currently acts in a number of roles at The Seasteading Institute, including staff writer, administrative associate, and coordinator of investigations into ocean algae cultivation for integration with seasteads. His interest in algae began after reading a book on spirulina from the Institute's library; soon after, he discovered that many other members of the seasteading community also saw a variety of potential uses for this fascinating group of organisms.



Mike Doty
2mdoty@gmail.com
Winner, The Seasteading Institute's Sink or Swim Contest - "Delishus Fishes"

Mike Doty has been following offshore aquaculture for years, and considers it an ideal fit for seasteading. A firm believer in opening new frontiers, he supports colonizing both the oceans and outer space.

Mike has nine years of entrepreneurial experience in information technology. Prior to starting his computer service business, he spent 15 years as a mechanical engineer and designer. Mike worked on the Freedom Ship project in CAD design and animation. His flyby videos of several proposed designs of the ship were shown on The Learning Channel and other broadcasts around the world.

Mike now focuses mainly on his computer business and cutting-edge engineering projects. In addition to seasteading, his avid pursuits are open source manufacturing and nanotechnology. His long-term goal is

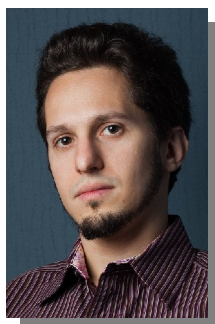


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to help develop resilient communities with sustainable, nutritious food production using aquaculture, hydroponics, and aquaponics.

To Mike, colonizing the oceans is a natural next step, and a stepping stone to colonizing space. The oceans are rich in energy, life, and raw materials. There is plenty of room for an emerging population to grow with a sustainable economy of abundance. As 3D printing, nanotechnology, and biotechnology develop, the oceans will be a renewable source of feedstocks such as polylactic acid grown from algae or seaweed. Historically, freedom and prosperity have flourished with the presence of a frontier, and the oceans can be that next frontier on our way to outer space.



Patri Friedman

patri@seasteading.org

Chairman of the Board and Founder, The Seasteading Institute

Patri Friedman received a BS in math from Harvey Mudd College, an MS in computer science from Stanford University, and an MBA from Cardean University. While in school he experimented with technology startups, ran a small consulting business, and co-founded two intentional communities. In 2004 he joined Google to work as a software engineer. In 2008 he left Google and founded The Seasteading Institute with seed funding from PayPal founder Peter Thiel. Patri is on the board of Humanity+ and co-created Breakthrough Philanthropy. He is also a prolific writer on political theory and philosophy. Patri comes from a line of great revolutionary thinkers, his grandfather Milton Friedman was the 1976 Nobel Laureate in economics, and his father David Friedman is a well-known political theorist and festival founder. Patri lives with his two children Iselle and Tovar in Berkeley, California.



Mike Gibson

migibson@clarium.com

VP for Grants, The Thiel Foundation

Mike Gibson dropped out of the University of Oxford, where he studied moral and political philosophy. He now lives in San Francisco where he is an associate for policy at Clarium Capital and is a vice president at the Thiel Foundation.



Benjamin Harmon

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Cadet, California Maritime Academy

Ben Harmon studies at the California Maritime Academy, majoring in Global Studies and Maritime Affairs, with a focus on the ever-expanding realm of maritime security. Ben completed a white paper that examines preexisting security plans and how they can be adapted to the needs of seasteads. The paper will be used as the basis for his presentation, as well as a jumping-off point for further research. He is currently interning at The Seasteading Institute, continuing his research into maritime security as it will apply to seasteading.



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Randolph Hencken

randy@seasteading.org

Senior Director, The Seasteading Institute

Randolph Hencken earned his master's in communication and his BS in business administration from San Diego State University. From 2008 to 2011, he was the Director of Communication and Marketing for the nonprofit research organization MAPS, which conducts clinical research investigating combinations of psychotherapy and novel drugs to treat conditions such as post-traumatic stress disorder and death anxiety. From 2006 to 2008, while writing a quantitative thesis, he taught communication courses to undergraduates at SDSU. Prior to returning to university, from 2001 to 2004, he was the program director at the Ibogaine Association, an alternative drug-treatment center in Mexico. Randy is excited to focus his activism toward creating new innovative governments, rather than futilely trying to change existing governments.



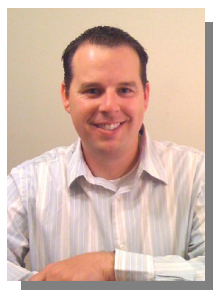
Marc Joffe

marc@publicsectorcredit.org

Principal Consultant, Public Sector Credit Solutions

Marc Joffe is the Principal Consultant at Public Sector Credit Solutions (PSCS) – an organization that researches and reports on sovereign and municipal debt. In May 2012, PSCS published an open source government rating model – a pioneering effort to disrupt the traditional credit rating agency business model. Previously, Marc was a Senior Director at Moody's Analytics. He earned his BA and MBA from New York University and is completing his MPA at San Francisco State University.

Marc is a long-time advocate of new countries. In 1994 and 1995, he published *New Country Report* – a newsletter that reported on sea cities, free zones, and other efforts to foster competition to existing governments. He also participates in free market-oriented policy research, having recently co-authored "Restoring Trust in Mortgage-Backed Securities: How the Private Sector Can Return to Mortgage Finance for The Reason Foundation." Marc's talk at the conference is the result of his policy research in the area of healthcare economics.



Ryan Larsen

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Research Volunteer, The Seasteading Institute

Ryan Larsen is a mechanical engineering student at The California Maritime Academy, and a former Coast Guardsman. His interests lie at the intersection of design science, ocean engineering, and entrepreneurship. He lives with his wife in Benicia, California.



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Henry Mariano
hvm@harvestnrg.com
CEO, Harvest Energy

Henry Mariano is the co-founder and CEO of Harvest Energy. His primary focus at Harvest Energy is acquiring strategic, operational, and investment partners while strategizing the company's overall direction through its applications.

Before joining Harvest Energy, Henry worked at a W.H. Murphy (WHM), a boutique investment bank. At WHM, Henry assisted several clean tech startups create business plans and executive teams while introducing institutional/strategic investors and initial distribution networks. Prior to W.H. Murphy, Henry founded Crane Capital, a commercial investment placement firm focusing on commercial and investment related debt. He received his bachelor's in Business Administration from the University of San Francisco and holds FINRA Series 7, 63, & 24 licenses.



Max Marty
max@bluseed.co
CEO, Bluseed Inc.

Max Marty is the CEO of Bluseed. Before joining Bluseed, he was Director of Business Strategy at The Seasteading Institute. The son of two Cuban immigrants, Max has been passionate about entrepreneurship and technology from a young age. He received his undergraduate degrees in Global Political Economy & Philosophy from Muhlenberg College in Pennsylvania, and an MBA from the University of Miami.



Dario Mutabdzija
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President, Bluseed Inc.

Dario Mutabdzija is the President of Bluseed. Prior to Bluseed, Dario served as Director of Legal Strategy for The Seasteading Institute.

Dario studied and/or worked in Hawaii, China, California, Austria, and Bosnia. He received his J.D. and LL.M. in Transnational Business Practice from McGeorge School of Law in Sacramento, California, and the University of Salzburg in Austria. He is passionate about connecting people and businesses around the world.



Myron H. Nordquist
mhnordquist@gmail.com
Associate Director, Center for Oceans Law and Policy, University of Virginia

Myron Nordquist is the Associate Director and Editor, Center for Oceans Law and Policy, and Senior Fellow at the Center for National Security Law at the University of Virginia School of Law. He is Editor-in-Chief of the seven-volume Virginia commentary series, the United Nations Convention on the Law of the Sea 1982: a Commentary.



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Professor Nordquist was formerly a Professor of Law, United States Air Force Academy in Colorado Springs, Colorado, and the Charles H. Stockton Professor of International Law at the US Naval War College. He also served as Attorney/Legislative Counsel, Department of State; Deputy General Counsel, Department of the Air Force; and Acting General Counsel, Department of the Air Force. Professor Nordquist was Alternate Representative and Secretary of the US Delegation to the Third UN Conference on the Law of the Sea. Professor Nordquist is the editor or author of over 50 books, several dozen proceedings, and many other scholarly publications.



James O'Neill

*Managing Director, Clarium Capital
Board Member, The Seasteading Institute*

James O'Neill runs the Thiel Foundation, which promotes science and liberty across the globe and opposes violence in all its forms. He co-founded and oversees the 20 Under 20 Thiel Fellowship, which identifies and supports the tech visionaries of tomorrow in fields as diverse as robotics, biotech, space, communications, energy, and transportation. He also serves as a managing director of Clarium Capital.

Previously, he was the principal associate deputy secretary of health and human services. He lives in Mill Valley with his wife, Lien, and their three children.



George Petrie

gpetrie@seasteading.org
Director of Engineering, The Seasteading Institute

George served as Professor of Naval Architecture at Webb Institute for more than 25 years. With nearly 35 years experience as a consultant in the offshore industry, his specialties include vessel motions, loads, structural analysis, and design. George also has extensive experience as a naval architect for yachts in Asia, and he is currently splitting his time between Hong Kong and Houston.



Tim Potter

thetimpotter@gmail.com
Ambassador, The Seasteading Institute

Tim Potter discovered seasteading while researching the best ways to surf the wakes created by container ships. Since then he has been studying, designing, experimenting with, and building solutions for seasteading that leverage natural systems. Tim is planning an eco-tourism hostel and mangrove breakwater production center in the equatorial doldrums.



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Joe Quirk

joequirk@gmail.com

Author, *The Seasteading Institute*

Joe Quirk is a bestselling novelist and bestselling science writer, and a popular public speaker. Joe is currently co-writing a book with Patri Friedman called *Seasteading: How Ocean Cities Will Change the World*. His debut novel, *The Ultimate Rush*, was a *People* magazine “Page-Turner of the Week” and a *Boston Globe* bestseller. His debut science book, *It's Not You. It's Biology: The Science of Love, Sex, and Relationships* has been translated into 17 languages and is a *San Francisco Chronicle* bestseller. Pixar volunteered to illustrate his humorous presentation, *Sperm-spreaders vs. Egg-protectors*, which shows college students how to use biology in their dating lives.

His second novel, *Exult*, about hang gliders in love, has won praise from Khaled Hosseini, Lolly Winston, and Christopher Moore. His second science book, *Call to the Rescue: The Story of the Marine Mammal Center*, explains how human activity impacts the lives of Bay Area sea lions and seals. His third science book *Tools Are from Men, Talk Is from Women: Why Your Mate's Brain Is Weird*, is being published exclusively in the Russian language, because those folks demand marriage help.

Joe Quirk ghostwrites books under secret names. In recent years, Joe Quirk was a humor columnist at *H+ Magazine* and a “City Bright” columnist at SFGate, where he wrote about the changing technology of book publishing. Joe Quirk is a guest teacher at Lekha School of Creative Writing, where he is committed to teaching the craft of writing to the next generation of storytellers.



Ricardo Radulovich

ricardo.radulovich@maricultura.net

Professor of Water Science, University of Costa Rica

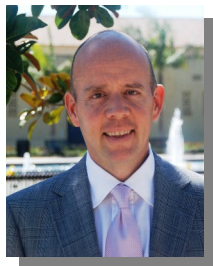
Ricardo Radulovich is an agricultural water scientist (PhD UC Davis) who is convinced that the sea holds the key to solve mankind's growing food and water problems. Since becoming a marine farmer 12 years ago, Ricardo has worked on a variety of issues, from caged-shrimp/shellfish polyculture, seaweed cultivation, and production of floating horticultural crops, to production of freshwater through distillation and rainwater harvesting, and its storage in semi-submerged plastic bags.

This work has also required application of engineering solutions to related aspects such as moorings, floating cabins and rafts, and low-cost fish cages. Ricardo recently received a grant from the World Bank for the “Sea Gardens” project, to develop small-scale mariculture for poor coastal populations. He is also conducting research on cultivation of seaweed for use as human food, funded by the Bill and Melinda Gates Foundation. Ricardo teaches at the University of Costa Rica, and works in both the Pacific and the Caribbean, enjoying the privilege of warm waters and sunny days.



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SAN FRANCISCO - MAY 31 - JUNE 2, 2012



William J. Riedy

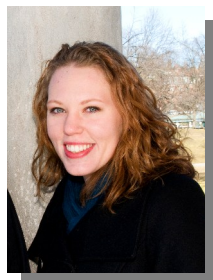
briedy@thesecuritynetwork.org

Executive Director, The Maritime Alliance

William Riedy has been with The Security Network since 2007. He has an extensive management background in catering in San Francisco that has been a key factor in the successful organization of multiple annual events. He also worked as a technical writer and consultant, providing marketing and administrative services to a variety of small businesses and management firms in San Francisco.

Bill currently serves on the Leadership Development Committee of the Slow Food Urban San Diego chapter and is helping to develop a strategic plan for this year-old nonprofit. Previously, he served as the pro bono administrator of an Adult Basic Education and GED Program for prison inmates in the Central Valley and as Outreach Coordinator for the Coalition on Homelessness in San Francisco.

Bill earned two master's degrees from San Diego State University – an MBA and an MA in Latin American studies. He earned his BS in computer science at San Francisco State University, and he studied English and economics at the University of North Carolina at Chapel Hill. He speaks four languages, lived in Europe for five years, and conducted extensive field research in Mexico for his master's degrees.



Melissa Roth

roth.me@husky.neu.edu

Engineering Intern, The Seasteading Institute

Melissa Roth earned her BS in Chemical Engineering and Physics from Northeastern University in May 2012. Following graduation she started her career at the US Army Natick Research Development and Engineering Center as a research engineer.



Gabriel Rothblatt

GabeTerasem@gmail.com

Futurist Philosopher and Community Organizer

Gabriel Rothblatt, originally from Washington DC, received his BA in political science/philosophy from the University of Vermont. He remains a student of many disciplines, and has a wide range of field experience. He is currently working as a futurist philosopher and community organizer.

Through his work as Pastor of the Terasem Movement Trans-religion he assists people in breaking free from the traditional view of seeing death as inevitable and helps them open their mind-files to digital backup. As a co-director of Worldfuturist.net, he works with children ages 8-18 helping them illustrate and communicate their visions of the future. Gabriel has four kids of his own whom he enjoys watching grow in their home on the Space Coast of Florida.

Gabriel has been a long-time supporter of seasteading. It is his belief that the methods and techniques pioneered by seasteaders will be used as the framework for space colonization. He enthusiastically supports any ethical ambition to further the seasteading movement.



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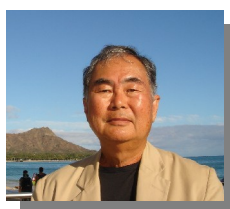
Neil Anthony Sims
neil@kampachifarm.com
Co-CEO, *Kampachi Farms, LLC*

Neil Anthony Sims is co-founder and co-CEO of Kampachi Farms, LLC, based in Kona, Hawaii, and in La Paz, Mexico. Over the past two decades, Sims has led teams that have accomplished a number of breakthrough developments in pearl oyster culture, offshore aquaculture legislation and regulation, marine fish hatchery technology, open ocean mariculture systems, and most recently, untethered open ocean “drifter pens”: the Vellella project.

Sims co-founded Kona Blue Water Farms in 2001, applying cutting-edge hatchery technologies to “difficult-to-rear” marine fish larvae: snappers, groupers, and yellowtail/jacks. Resolving this production bottleneck led to the first integrated marine fish hatchery and open ocean fish farm in the US. By 2008, over 500 tons of sashimi-grade Kona Kampachi® was being harvested annually (over 1 million pounds) from submersible pens on the Kona offshore site.

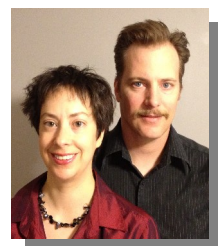
Most recently, Sims co-founded Kampachi Farms, LLC, to expand the commercial growth of high-value, warm-water marine fish globally, and to pursue “next generation” technologies, including remote offshore systems, more sustainable and scalable feeds, and new species development.

Sims is also the founding President of the Ocean Stewards Institute, the open ocean mariculture trade association that advocates for the balancing of rational, responsible development of the open oceans with protection of marine resources and habitats. Sims has also provided consulting services to UN-FAO, regional agencies and governments, and currently sits on the Steering Committee for the *Seriola-Cobia Aquaculture Dialogue (SCAD)* and the Technical Advisory Board for the WWF-sponsored *Aquaculture Stewardship Council*. Sims resides in Kona, Hawaii.



Patrick Takahashi
patkentak@hotmail.com
Chief Visionary, *Blue Revolution Hawaii*

Patrick Takahashi is the spiritual founder for the Blue Revolution, having written several books on the subject and a series of articles on the concept in the *Huffington Post*. He helped draft the original OTEC and hydrogen bills introduced in the US Congress when he was a staff member of the US Senate a third of a century ago. He is a retired professor of engineering and presently serves as director emeritus at the University of Hawaii.



Michelle and Thronnd Toftely
mtoftely@yahoo.com, ttoftely@hotmail.com
Fusion Middleware, Oracle Inc.

Michelle and Thronnd both came to seasteading with a technology background – both work at Oracle Inc. in the Fusion Middleware division. Michelle graduated from the University of Minnesota, Twin Cities with a BS in Biology. Thronnd graduated from the University of Minnesota, Twin Cities with a BA in Political Science and a JD from Hamline University. When the Toftely's are not working on business plans or for Oracle, they're enjoying the good life with their five-year-old son and two-year-old daughter.



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John Alan Trepl II

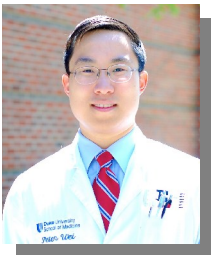
john.trepl@marinehydroelectric.com

President & Chief Science Officer, Marine Hydroelectric Company

John Trepl is the original inventor of the Marine Hydroelectric Generator™ (MHG™) and has been a pioneer of marine kinetic energy for over 30 years. He designed, built, permitted, and deployed his 50kW MHG prototype off the coast of California for extensive testing with performance and field operations verified by Price Waterhouse. Recently the MHG project was the subject of review by the University of Texas at Austin, independently confirming the MHG commercial feasibility and superiority in design. The next phase of the MHG project is construction and testing of the commercial 1mW module.

Mr. Trepl honorably served six years as a US Marine and began his engineering career as a union millwright. After his apprenticeship, he worked full-time as an associate engineer while attending night school. His industry experience covers multiple disciplines in several industries, successfully managing projects for commercial, military, and municipal entities.

His personal life centers on his family with long-term service commitments to his community. His personal life statement is, "I am never limited by what I don't have, only by what I don't do." His life and his accomplishments reflect this.



Peter Wei

ptw7@duke.edu

MS2, Duke University

Peter Wei is a medical student at Duke University working on a year-long research project with The Seasteading Institute that aims to investigate the business landscape of medical tourism. He is excited about the potential of the medical tourism industry to both further the mission of seasteading and transform American healthcare. He hopes to use the knowledge gathered from this project to help clear the way for medical tourism ventures to flourish at sea. His other interests include the health effects of diet and nutrition, and improving medical student education on business, economics, and leadership. He is president of the Business and Economics of Medicine club at Duke.



Chris Williams

chris@seasteading.org

Director of Development, The Seasteading Institute

Chris is an experienced executive, having run hospitals, a multinational security company, and a boutique consulting firm. He has spent the last four years in the nonprofit sector. With his degree in economics and a drive to leave a better world for his three kids, he is passionate about the Institute's mission.



THE SEASTEADING CONFERENCE

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Alexander Wissner-Gross

alexwg@post.harvard.edu

Institute Fellow, Harvard University

Dr. Alexander D. Wissner-Gross is an award-winning scientist, inventor, and entrepreneur. He serves as an Institute Fellow at the Harvard University Institute for Applied Computational Science and as a Research Affiliate at the MIT Media Laboratory. He has received 105 major distinctions; authored 14 publications; been granted 16 issued, pending, and provisional patents; and founded, managed, and advised six companies, one of which has been acquired.

In 1998 and 1999, he won the USA Computer Olympiad and the Intel (formerly Westinghouse) Science Talent Search. In 2003, he became the last person in MIT history to receive a triple major, with bachelors in Physics, Electrical Science and Engineering, and Mathematics, while graduating first in his class from the MIT School of Engineering. In 2007, he completed his PhD in Physics at Harvard University, where his research on smart matter, pervasive computing, and machine learning was awarded the Hertz Doctoral Thesis Prize. His work has been featured in *Technology Review*, *BusinessWeek*, *Scientific American*, *The New York Times*, and *The Wall Street Journal*.



Baoguang Zhai

zhai@seasteading.org

Algae Research Intern, The Seasteading Institute

Baoguang Zhai is a sophomore at Tufts University. He is originally from Beijing, China. In high school, he was a short film producer, a soccer player and coach, and an environmental engineer. He also co-founded Co-ng.com, a niche-focused social network for Chinese students abroad, organizations, and internship providers. He learned about seasteading in the summer of 2011, and has since then created a development plan for the ocean industry and designed an ocean-based algae energy cultivation system. He is convinced that seasteading has the potential to change the world, and will pursue the vision until it is realized. Zhai began an internship with the Institute at the beginning of May. He will be investigating the potential for open ocean algae cultivation for biofuel production and other uses.