

FORESIGHT

INTRODUCING FALL FORESIGHT STUDENTS

By Andy Hines

Glenn Akins serves as Assistant Executive Director of a large faith-based non-profit, based in Richmond, VA. He has spent the last 36 years helping churches pioneer their next chapters of service to their communities. Coaching, conferencing, and consulting comprises the bulk of his work. He enjoys learning and acquiring new skill sets to improve his service among his constituents. Though a product of Midwestern cities, Glenn has spent most of his adult life in the Southeast and has enjoyed the cultural differences. His primary hobby is raising Old English Sheepdogs.



Bes Pittman Baldwin has a broad research background that includes preclinical research and development of novel implantable cardiovascular devices and clinical trials experience in oncology, immunology, infectious diseases, neurology, and women's health. She served in a variety of roles at academic research organizations and biotech, pharmaceutical, and CRO companies, including positions in project management, clinical site monitoring, research protocol development, data quality assurance, research study coordination, analysis of global feasibility, and development of country and site strategies for projects in all phases of clinical development. Bes currently works for a global pharmaceutical company based in Belgium, crafting operational strategies for clinical trials of drugs in development.



James Doughman is a born-and-raised Texan and currently resides in Spring, TX, with his daughter and

fiancé. He currently works within the Cyber Defense Department at AIG as a CISSP Certified, Information Security Analyst. He has gathered valuable skills while previously working as a System Administrator, Network Engineer, Forensic Analyst, and PCI-DSS Compliance Consultant. James graduated from Sam Houston State University with a degree in Computer Science specialized in Information Assurance. His hobbies include motorcycles, firearms, and technical tinkering.



Steve Lohrenz is a Principal Consultant with a technology company. He has 18 years of experience in IT, having been a network administrator, programmer, systems analyst and software architect before his current role. He currently resides in California with his wife and son. They have also lived in Ireland and Montana. His hobbies include hiking, aikido and developing cool things with software.



Yasamina ('Mina) McBride is pursuing the MS in Foresight to help organizations and individuals both anticipate and exact more influence over the environment of continuous change that exists in the 21st century. Currently, she works with a team at the Harvard T.H. Chan School of Public Health's Center for Health and Global Environment.



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The team produces Executive Education for Sustainability Leadership programs designed to enable senior leaders to learn powerful, new strategies that position sustainability as a driver of organizational engagement, authenticity, agility, innovation, and change-capability. As a corporate and independent trainer, she has led corporate training programs, produced and facilitated workshops, developed curricula, and designed instructional materials. An ALB graduate from Harvard University, her research interests include peak performance and how to affect behavioral change on an organizational and individual level.

Tim Morgan has had a lifelong fascination with the future. A natural optimist, he has constantly looked forward to how technological and social changes could improve life for everyone. To this point, Tim's primary outlet for futurism has been a voracious reading habit in science and technology-related fields, along with philosophy, sociology, economics, history and a host of other subjects. His interest in the future lead him to Science Fiction at an early age. This interest culminated in becoming president of the Dallas Future Society between 2011 and 2015. The Dallas Future Society is a 501(c)(3) non-profit dedicated to promoting Literature, Science, Art, and Music primarily via literary Science Fiction conventions, lectures, and other events. Several years ago, Tim attended our week-long certificate course and finally found the time to pursue the full degree.



Natalie Pacheco has over 13 years of experience working for a Fortune 500 Financial Services company in San Antonio, TX. Her experience has varied from call center operations, speech-to-text analytics, agile project management, and interactive voice response systems. She



currently works as a decision scientist, where she helps the company make the best decisions backed by data. Her undergraduate degree is a Bachelor of Arts in Business with a focus on Accounting. Natalie spends her free time reading, painting, baking, and learning ballet. She and her husband, Jason, have two 'fur-babies'...a cat named Chicken and a dog named Rainbow.

Ileana Perez is a pre-graduate student seeking the Certificate in Strategic Foresight. She is currently employed as the financial coordinator for the Texas Center for Superconductivity at the University of Houston. Ileana received a Bachelor of Business Administration in Finance from Bauer College of Business at the University of Houston in 2013.



Dave Ramirez has experience in increasingly responsible roles within marketing at several companies. Notably, he has served as marketing director for two publishing companies, where he was responsible for managing all marketing, licensing, operations, and sales activities. One company focused on the energy industry and the other company developed fantasy and sci-fi graphic novels and children's books. During this time, he has managed large, complex events & product launches in several large cities including New York, Chicago, San Diego, Los Angeles, and Frankfurt, Germany. His leadership has helped his employers win several industry awards. Lastly, Dave also has extensive experience assisting start-ups with marketing strategy and communications technology. He earned a BS in Media Studies from the University of Houston - Clear Lake.



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Andrea Ratzlaff was born and raised in the Ozarks in Arkansas. She moved to Virginia in 1997 and outside of 6 months living in San Diego, has been there ever since. After earning a BS in Nursing in 2004 from Old Dominion University, she spent about 6 years working as an ICU nurse. In 2007, she began her MS in Nursing, but had to put that on hold about a year into it due to life (had kids). From there, she worked as a Clinical Research Coordinator for the major oncology group in her area for almost 7 years. Most recently, she has been working as a contractor for a medical software company based in New York and is finally getting back to school to finish her graduate degree. When she's not working or studying, Andrea is busy spending time with her three kids, reading, or traveling.

Daniel Riveong loves to connect the dots between individual behaviors, social dynamics, and the technology that enables them. He has over 18 years of experience in technology and advertising. The past few years, he has conducted a few foresight workshops in Asia. Most recently, he helped establish the first data science training program in Indonesia. Previously, he led the Asian regional office for a San Francisco-based digital consultancy. A relentless learner, he has attained certificates in design thinking, risk management, and data science from UC Berkeley, Stanford University, and Coursera/Johns Hopkins, respectively.



Bo Roe is passionate about leading creative teams to drive business growth through culturally relevant innovation. Over the past 11 years, he has led projects in Brazil, China, Colombia, Japan, France, Mexico, Switzerland, Turkey, and the US. In his most recent



role as Director, Innovation at Newell Brands, Bo and his team led over 100 future-oriented innovation sessions, delivering over 300 innovation platforms currently in development. His professional experience includes global work in consumer insights, creative problem-solving facilitation, innovation strategy development, and industrial design. Bo holds a B.S. in Industrial Design from Georgia Tech and a graduate certificate in Creativity, Innovation, and Change Management from the State University of New York. He has completed consumer insights training at both RIVA and the Burke Institute. Bo is defined by his insatiable curiosity, recently spending his spare time taking photographs from high altitude balloons, sailing, brewing beer, and dancing with his wife, two kids and dog to made up songs in the kitchen of their mid-century home in Kalamazoo, MI.

Cyndi Whitecotton is a Behavior Researcher who enjoys connecting people to their favorite organizations through meaningful experiences. She is currently researching how people perceive, interpret, interact and respond in a media rich world. Her focus to date has been on the decision-making processes users experience as they adopt or reject digital technologies. Additionally, she applies best practices in the areas of content analysis, user experience and quantitative behavioral research. By combining her knowledge in the areas of Media Psychology, Technology and Futures Work, she can assist organizations to create for how their audiences live and work in this digital age.



EXPLORING THE FUTURE... WITH MISC

By Andy Hines

The bonds are strengthening between foresight and design. We recently received our first physical shipment of beautiful new magazines as part of the Houston Foresight Program's collaboration with MISC. MISC is published by Idea Couture... "where design meets business, insight meets foresight, and empathy meets economics." One of our alums, Emily Empel, the co-head of futures, joined the firm a few years ago after spending time with Disney, and raves about the combined power of foresight and design (and she instigated the program's collaboration with the magazine). We are listed as a co-publisher along with KAOSPILOT (a hybrid business and design school for entrepreneurship, creativity, and innovation), CEDIM (takes a design,



innovation and business approach to education), and OCAD (Strategic Foresight and Innovation). What an amazing set of collaborators!

Our first contribution will be released in the spring 2017 "game-changer" issue, "Exploring the Future of Anything and Everything." It's a

two-pager that introduces readers to our program and our core approach of Framework Foresight with highlights of four recent student framework projects. The layout is quite elegant. I'd say more but I can't give away the story before the issue is out!

I recently used an image of my TV hero, Agent Dale Cooper of Twin Peaks, to note synchronicity, or when multiple signals from different places are telling you something. I heard a dissertation on the role of scenarios in foresight and design from newly minted Dr. Danila Zindato, who visited with us in fall 2015, at a design school in Italy. I wrote about future-friendly design in the new PDMA product handbook. And, well, for years many professional futurist colleagues have been exploring design and foresight together. I suppose sometimes the signals get louder!

"FUTURE OF STUDENT NEEDS" WORK ON LUMINA SITE

By Andy Hines

It is great to see the follow-up work we did for the original "Future of Student Needs 2025 and Beyond" get published on the student-powered section of the Lumina Foundation's website. A key recommendation of the original work was to set up a portal for students to provide input into the discussion on the future of higher education.



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“FUTURE OF STUDENT NEEDS”

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So much of the work being done and discussion takes on the institutional perspective – the student voice is often overlooked, so we thought it would be cool to have students engage with our content about the future.

After some internal discussion, the client agreed and we worked with Smallbox, a design agency, to provide content for the site. We commissioned a separate and smaller team and generated a wide range of content about the future of student needs that was designed to provide an interesting and interactive experience for site visitors. There’s quite a range of interesting material to play with: the full report, key insights, blog posts, emerging needs, and more to come!



From L to R: – Top row: Andy Hines, Alex Whittington, Johann Schutte, Maria Romero. Bottom row: Katie King, Jason Crabtree, Ben Lummis, Will Williamson.

HOUSTON FORESIGHT AT THE WORLD FUTURE SOCIETY 2016

By Andy Hines

The Houston Foresight program was once again well-represented at the World Future Society (WFS) and Association of Professional Futurists (APF) summits, held in Washington DC from July 22-24, 2016. Congratulations to Julie Steele and the new team at WFS for simply pulling this conference off, given that they took over only a few months before the conference. As usual, I spent more time focusing on APF

matters and doing a lot of catching up with old friends.

WFS Best of Houston

Our 16th “Best of Houston” session was another great success. The students shared the highlights of their projects, as well as commenting on their experiences as foresight students. This year’s session featured four students:

- Katie King: The Future of School Spaces and Schedules
- Johann Schutte: The Future of Human Effort Towards First Contact
- Eric Kingsbury & Ciara O’Connell: Social Robotics: Four Scenarios

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WFS 2016

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From L to R: Katie King, Johann Schutte, Eric Kingsbury, Ciara O'Connell

APF Activities

The APF had its sold-out Pro Development Day at the Hillyer Art Space, in the artsy Adams Morgan neighborhood. It was a very lively mix of advice, talks, and group discussions. My personal favorite was a two-hour reflection by Hawaii futurist, Jim Dator, on his career as a futurist.

I have been involved with running this program since its inception and I think it's really important to recognize good foresight work. I am very pleased to note that our own Professor Emeritus, Oliver Markley, has become a two-time winner of the APF Most Significant Futures Works Award (MSFW). He won a prize for

editing the "Symposium on Intuition in Futures Work," an article collection published in the Journal of Futures Studies. The full list of 2016 award winners is below:

Category 1 - Advance the Methodology and Practice of Foresight and Futures Studies (Note: All three are equal winners...no "places")

- Scenario Exploration System; Laurent Bontoux (JRC), Daniel Bengtson (former JRC), Aaron B. Rosa (HRCFS), John A. Sweeney (HRCFS/ CPPFS)

- Symposium on Intuition in Futures Work, Edited by Oliver Markley, Article collection, Journal of Futures Studies, Sept. 2015.

- What Works, by Sohail Inayatullah

Category 2 - Analyze a Significant Future Issue

- The Future of Protein. The Protein Challenge 2040: Shaping the Future of Food. Forum for the Future, Report, 2014.

Category 3 - Illuminate the Future Through Literary or Artistic Works

- Humans Need Not Apply, by CGP Grey, Video

We did not have any winners at the APF Student Recognition competition this year. It suggests increasingly tough competition. Last year, our students swept the individual graduate school category, and I thought this year entries were quite on par. So, it looks like we'll have to up our game for next year!

In other news...

Dr. Hines gave the pre-conference Master class "Introduction to Foresight," which is a terrific opportunity to introduce people to the future and how we teach the future at Houston Foresight. He also presented the final version of the APF Foresight Competency Model. He and the team worked on it for much of the last year, and it was great to see it come to fruition.

HOUSTON FORESIGHT SCENARIO WORKSHOP IN DUBAI

By Marilyn Jones

Dr. Andy Hines, assistant professor and program coordinator of the University of Houston Foresight program, traveled to Dubai in November and led team members from the General Directorate of Residency and Foreigners Affairs (GDRFA) through a scenario planning and implications workshop. The project is exploring how the work of the GDRFA will be different from now until 2030. In addition to the scenario planning activity, the project involves a horizon scan and a final report that pulls it all together. Horizon scanning is a process used by futurists for identifying, collect, and analyzing “signals” of future changes. These signals provide clues to emerging trends and issues of the future.

Dr. Hines serves as the principal investigator; and, Alexandra Whittington, lecturer in the Foresight program is leading the project with responsibility for the ongoing activities. Foresight program graduate students Katie King, Eric Kingsbury, Maria Romero, and Mark Sackler are also assisting with the project.

“Through the Future Foresight Foundation, our research program continues to gain momentum; and, we have had a great learning experience so far. We are quite pleased to provide real-life project experience for our students,” said Dr. Hines.

See the Houston Foresight blog (www.houstonforesight.org) for more news about how the grad program prepares futurists.



From left: Maryam Abdulrasool Abu Maleh, Maryam Mohammed Bin Hammad al Saabri, Dr. Andy Hines, Faisal Abdullah Bin Belaila, and Dr. Rami Salah Abdalla Al Gharaibeh

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