40+ Years of Problem Solving

Where are they now?

FPSP International
Future Problem Solving Program International (FPSPI)
40th Anniversary

FPSPI proudly celebrates its 40th anniversary in 2014.

In 1983 Dr. E. Paul Torrance, founder of FPSPI, declared these thoughts, still relevant today:

“The most basic skill that can be taught in today’s schools is problem solving, especially skills in solving future problems. In fact, the teaching of future problem solving skills may really be the key to the successful teaching of other basics such as reading, writing and arithmetic. Many children are not motivated to master these basics unless they can see the connection between them and their future lives.”


The Future Problem Solving Program grew out of a month long curriculum unit created by E. Paul Torrance for a class at Clark Central High School in Athens, GA, home of the University of Georgia. This new program combined two pressing education concerns of Dr. Torrance - the decline of creativity and the lack of interest in the future by Americans. Today FPSPI is an international organization with Affiliate Programs in 46 states and countries.

_Teaching students how to think, not what to think!!_

**FPSPI Components**

*Authentic Feedback & evaluation provided for ALL components

- **Global Issues Problem Solving**
  - Topic-related
  - Team & Individual
  - 3 Divisions (+ Adults)
  - 2 Practice Problems
  - 3 Competitive Problems

- **Scenario Writing**
  - Topic-related
  - 3 Divisions

- **Action-based Problem Solving (AbPS)**
  - Non-Competitive
  - Curriculum component
  - Through middle school

**FPSPI Mission Statement**

_To develop the ability of young people globally to design and promote positive futures through problem solving using critical and creative thinking._
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<thead>
<tr>
<th>Future Scene Topics</th>
<th>FPSPI History Highlights</th>
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<tbody>
<tr>
<td>1974–2015</td>
<td>1974 FPS began as a curriculum unit at Clark Central High School in Athens, GA. Dr. E. Paul and Pansy Torrance ran the program with the help of graduate students in the Department of Educational Psychology, UGA.</td>
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<tr>
<td>1973-74</td>
<td>1975 Dr. Torrance spoke at the World Conference on Gifted Children in London, England about his activities in his new program, Future Problem Solving. The enthusiastic response made him even more determined to make FPS a universal program.</td>
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<tr>
<td>Rejecting Authority</td>
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<td>Attacks on Automation</td>
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<td>Rehabilitating Criminals</td>
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<td>Rejection of Competition</td>
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<td>Immunization against Disease</td>
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<td>Increasing Intelligence</td>
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<td>Knowledge Explosion</td>
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<td>Mental Stress</td>
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<td>Changing Gender Roles</td>
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<td>Job Mobility</td>
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<td>The Cooling of the Earth</td>
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<td>Jobs for All</td>
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<td>No Fight! No Competition!</td>
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<td>Future Water Shortages</td>
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<td>World Hunger</td>
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<td>Many Ways of Doing Things</td>
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<td>Computers in an Information Society</td>
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<td>Underwater Colonization</td>
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<td>Space Colonization</td>
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<td>An Older Population</td>
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<td>Invention &amp; High Technology</td>
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<td>Transportation</td>
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<td>Space Travel</td>
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<td>Ocean Farming</td>
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<td>Hypnosis &amp; Psychic Energy</td>
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<td>Alternative Energy Sources</td>
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<td>Solar Energy</td>
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<td>Transportation</td>
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<td>Home Computers</td>
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<td>Hunger &amp; Malnutrition</td>
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<td>Increasing Longevity</td>
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<td>Child Abuse</td>
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<td>Extranormal Mental Powers</td>
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<td>Drug Use</td>
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<td>Endangered Wildlife</td>
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<td>Space Colonization</td>
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1974–1982

1974 FPS began as a curriculum unit at Clark Central High School in Athens, GA. Dr. E. Paul and Pansy Torrance ran the program with the help of graduate students in the Department of Educational Psychology, UGA.

1975 Dr. Torrance spoke at the World Conference on Gifted Children in London, England about his activities in his new program, Future Problem Solving. The enthusiastic response made him even more determined to make FPS a universal program.

1978 FPSP involved 300 schools with 6,000 students in 26 states. Ten teams in each of the three divisions were invited to University of Georgia for a Bowl. Awards were given for team problem solving, individual problem solving, scenario writing and solutions selling. The first recorded compilation of scenarios by Dr. Torrance were titled *Images of the Future: Scenarios and Soliloquies of Future Careers* with authors from GA, VA, NY, IA, PA, OH, & LA.

1979 Dr. and Mrs. Torrance went to Japan for a year. Anne B. Crabbe assumed the leadership of FPSP from Nebraska with Dr. and Mrs. Torrance acting as long distance advisors and supporters. The University of Nebraska hosted the National Bowl from 1979-1981 featuring Team and Individual Competition, a Scenario Writing contest, and skit performances for selling the solutions.

1980 The first issue of Footnotes, the FPS newsletter, was created in October and continued until 1989.

1981 FPSP moved to Coe College, Cedar Rapids, IA with Anne Crabbe as Director. There were 18 State Directors and an Open Division for the teams in areas not served by state programs.

1982-83
UFOs
Ocean Communities
Robotics
Pet Overpopulation
Computers
Nuclear War

1983-84
Electronic Games
Prisons
Lasers
Nuclear Waste
Genetic Engineering

1984-85
Drunk Driving
Nuclear War
Education
The Greenhouse Effect
Industrialization of Space

1985-86
Endangered Species
Feeding the World
Artificial Intelligence
American Legal System
Organ Transplants

1986-87
Garbage
Changing Family Structures
Water
Illiteracy
The Impact of the Media

1987-88
Space Travel
The Elderly
Acid Rain
Immigration
Birth Defects

1988-89
Energy Sources
Youth and the Law
Nutrition
Employment
Terrorism

1989-90
Shrinking Tropical Forests
The Arms Race
Poverty
Medical Advances
Crime

1983 FPSP continues growth through promotional materials and newsletters.

1984 The State Directors meeting was called the Advisory Council. Advanced Division, the pre-Community Problem Solving Program was launched. FPSP was incorporated in May in Iowa as an educational non-profit. FPSP obtained 501(c) (3) status in October.

1985 The National Bowl became the International Conference (IC). The Advisory Council became the National FPS Advisory Council. An Adult Problem Solving Competition was added. Anne Crabbe moved the program to St. Andrews College, Laurinberg, NC in August.

1986 800 FPSers, coaches and chaperones attended IC. The Advisory Council formed the first committees. A moderator was appointed/elected to run the National Advisory Council (State Directors) meeting.

1987 Community Problem Solving (CmPS) became a formal component with 3 teams invited to IC to share their projects.

1988 The FPSP song was adopted. A CmPS team from Salt Lake, Utah had the song written for their project, which dealt with Nuclear Waste. Paul Torrance’s wife, Pansy, died in November.

1989 Fifteenth Anniversary of FPSP. 1,200 students, coaches, and chaperones attended IC. A videotape from Dr. Torrance was the highlight of the Opening Ceremony. Victoria, Australia became the newest FPS program.

1990 An Alternates Team Problem Solving competition was added to IC. The Advisory Council formed an Executive Committee to advise Anne Crabbe. Anne Crabbe resigned as Executive Director in July 1991. FPS was featured in “Creative Express.”
<table>
<thead>
<tr>
<th>Year</th>
<th>Topics</th>
</tr>
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<tbody>
<tr>
<td>1990-91</td>
<td>High School Dropouts, Ozone Depletion, Transportation, Censorship, Corruption in Government</td>
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<tr>
<td>1991-92</td>
<td>Space Exploration, Legal Epidemic, Sports Ethics, Land Use, Advertising</td>
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<tr>
<td>1992-93</td>
<td>Stress on Students, Hunger, Oceans, Drugs, Nuclear Waste</td>
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<tr>
<td>1993-94</td>
<td>Robotics, Antarctica, Extinction of Animals, Space Law, Control of Disease</td>
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<td>1994-95</td>
<td>Cities, Homelessness, Kids And Violence, Prejudice, Privacy</td>
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<tr>
<td>1995-96</td>
<td>Firearms, Mental Health, 21st Century Marketplace, Cybernetics, United Nations</td>
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<td>1996-97</td>
<td>Homes of the Future, Extraterrestrial Life, Cashless Society, Competition, Increasing Life Span</td>
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<tr>
<td>1997-98</td>
<td>Natural Disasters, Freedom, Women in the Workplace, Non-Traditional Families, Medical Ethics</td>
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**1991**
The Board of Trustees structure was voted on at the Advisory Council meeting in June and the first Board of Trustees was elected. The Advisory Council was renamed the Governing Council. The first Mission Statement for FPSP was adopted. James Alvino was named the new Executive Director as of October. Australia and New Zealand attended IC as the newest Affiliates. The National Association of Gifted Children honored FPSP with the Creativity Award at their annual conference and featured the program in “Gifted Child Today.”

**1992**
The first Board of Trustees meeting was held in Ann Arbor, MI in January. The focus was the Governing Document, Finance, and Program issues.

**1993**
The Board of Trustees and staff conducted Strategic Planning for the program at the BOT meetings in January and March. The Governing Council passed the Amended Articles of Incorporation, new Bylaws, and Strategic Plan in June. The BOT coordinated IC and Bonne Jensen, MI, was hired as Executive Director immediately following the event.

**1994**
Hard work by the staff and assistance of directors brought FPSP out of a difficult financial situation.

**1996**
A new BOT structure made the BOT President a two-year term. BOT approved the contract with Dr. Don Treffinger/CCL for the P2 Project: Partners in Problem Solving to create training workshops for FPSP. Dr. Treffinger continues to support FPSPI today.

**1997**
“Opening Doors to the Future” used in promotional materials.

**1998**
Year of change in EDs, Bonne Jensen, MI, Dawn Schewach, MI, Cory Kiner, SD, and finally Kathi Hume, Kentucky. P2 workshops continue for Affiliate Directors.
<table>
<thead>
<tr>
<th>1998-99</th>
<th>1999 Fuzzy Situation changed to Future Scene to reflect the ‘what if’ in the topic scenarios set in the future. International Office moved to Lexington KY.</th>
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</thead>
<tbody>
<tr>
<td>Under the Sea</td>
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<td>Computer Error</td>
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<td>Education: Lifelong Learning</td>
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<td>Prison Alternatives</td>
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<tr>
<td>Distribution of Wealth</td>
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</table>

**1999-2000 Topics**
- Fads
- Amateur Sports
- The Internet
- Financial Security
- Genetic Engineering

**2000-01 Topics**
- Tourism
- World Population
- Water
- Habitats
- Global Interdependence

**2001-2002**
- Alternative Energy
- Educational Options
- Organ Donations
- Environmental Law
- Virtual Corporations

**2002-03**
- Sports Medicine
- E-Commerce
- Nanotechnology
- DNA Identification
- Worldwide Communication

**2003-04**
- Smart Clothes
- Rage and Bullying
- Artificial Intelligence
- Media Impact
- Immigration

**2004-05**
- Entertainment
- Terrorism/Security
- Agriculture of the 21st Century
- Depletion of Oceanic Species
- Business Crime

**2005-2006**
- Climate Change/Climate Threat
- Freedom of Speech
- Nutrition
- Healthcare Access
- Redistribution of Wealth

**2006-07**
- Fundraising/Charity Giving
- Protection of National Treasures
- Cultural Prejudice
- Caring for Our Elders
- Privacy

<table>
<thead>
<tr>
<th>2000</th>
<th>Dr. Torrance addressed the FPSP attendees at the IC Opening Ceremony at the University of Georgia. He also viewed the CmPS projects.</th>
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<thead>
<tr>
<th>2001</th>
<th>Dr. Torrance attended the Awards Ceremony at UGA, but did not speak.</th>
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</table>

**2002**

**2003** Dr. Torrance passed away on July 12 in Athens, GA.

**2005** Kathi Hume resigned as ED. Marianne Solomon, became ED in July and moved the program to Melbourne, FL.

**2006** FPSP changed its name to Future Problem Solving Program International to reflect the global expansion of the program.

**2007** Input was solicited from high school seniors at the IC Senior Forum which is now an annual event. New logo was created to include “International.”
<table>
<thead>
<tr>
<th>Year</th>
<th>Topic</th>
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<tbody>
<tr>
<td>2007-08</td>
<td>Body Enhancement, Simulation Technology, Neurotechnology, Debt In Developing Countries, Child Labor</td>
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<tr>
<td>2008-09</td>
<td>Olympic Games, Cyber Conflict, Space Junk, Counterfeit Economy, Pandemic</td>
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<td>2009-10</td>
<td>Sensory Overload, Invasive Species, Orphaned Children, Food Distribution, Green Living</td>
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<td>2010-11</td>
<td>Healthy Living, Air Transport, Genetic Testing, Water Quality, Emergency Planning</td>
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<tr>
<td>2011-12</td>
<td>All In a Day’s Work, Coral Reefs, Human Rights, Trade Barriers, Pharmaceuticals</td>
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<tr>
<td>2012-13</td>
<td>Culture of Celebrity, Robotic Age, Megacities, Ocean Soup, Global Status of Women</td>
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<tr>
<td>2013-14</td>
<td>Social Isolation, Desertification, Surveillance Society, Land Transportation, Space</td>
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</table>

**2008** FPSPI Scholarship launched.

**2009** Governing Council voted to change Team Problem Solving to Global Issues Problem Solving (GIPS). Community Problem Solving component celebrates 25 years of students taking action!

**2011** Program Evaluation was undertaken during 2010-2011 by three groups;  
- Center for Creative Learning Team (CCL): Qualitative Study (White Paper available for results of study)  
- Scholastic Testing Service: Quantitative/Longitudinal Study (final stage spring of 2014)  
- University of Virginia Team: Second Generation Alumni (2nd phase in progress)

**2012** Technology aids in the advancement of sharing the wonderful events of IC! LiveStream is launched for families and supporters of FPSPI to view Opening Ceremony, Variety Show, and Awards Ceremony from anywhere around the globe!

**2013** E. Paul Torrance Award was presented by the National Association of Gifted Children (NAGC) Creativity Network to Marianne Solomon, Executive Director of FPSPI. The Alternate competition was renamed Multiple Affiliate Global Issues Competition – MAGIC – to illustrate the importance of spontaneous collaboration in today’s world.

**2014** – A new FPSPI song is unveiled at IC and a new logo was designed to celebrate the 40th anniversary!
WHERE ARE THEY NOW???

Affiliate Program:  Australia Future Problem Solving Program
Name:  Stephanie Amir
FPS component and years of involvement:  GIPS Jr Division (to National Finals), 1996; GIPS Sr Division (winning National Finals), 2001; FPS evaluator, 2002 – present; FPS National Committee Member, 2003 – present; National Finals Action Plan Presentation Coordinator, 2004 – 2012
Education:  Bachelor of Arts/ Bachelor of Science (Hons), University of Melbourne, 2008; Postgraduate Certificate in Social Inclusion, University of Melbourne, 2012
Current employment:  Project Manager, Safe Schools Coalition Australia, Foundation for Young Australians
How FPS has helped shape career success:  After my team won the Senior Division of the National Finals in 2001, I was given the opportunity to become an FPS evaluator, and then to join the National Committee and become the Action Plan Presentation Coordinator.  Being only 18 at the time, the opportunity to be involved in management-level decision-making, event management and training delivery was an opportunity I would not have otherwise had at that age.  It was both startling and exciting to be taken seriously while so young, and definitely gave me a head start in gaining transferable workplace skills and feeling confident in my abilities.  For the following decade, each of my successful job interviews included reference to my work with FPS, in regards to problem solving, lateral thinking or working with others.

When I finished university, I worked for four years as a policy advisor for the Victorian government.  I realised that my job was a real-life application of FPS: look at the situation, identify the main problem, and then generate a range of solutions across different areas.  In my case, the problems were the extinction of threatened species, public concern about street violence, the increasing number of women in prisons, and the lack of equitable access for people with a disability.

When I evaluate FPS booklets, I am struck by how the solutions by younger students are often very creative, but that ideas often become more pragmatic as students become older, sometimes leading to the curtailing of the diversity of ideas.  Now as a project manager in the community sector, I try to not replace creativity with pragmatism, but to try to find a balance between them so that the best possible decision can be reached.

Affiliate Program:  Florida Future Problem Solving Program
Name:  Lauren Hadeed
FPS component and years of involvement:  Middle school throughout High School in all components – multiple awards at Affiliate and IC levels
Education:  Columbia College Chicago Graduate
Current employment:  Marketing Director, Rethink GNV (www.rethinkgmv.com)
How FPS has helped shape career success:  As an FPS alum, I can't imagine where I would be today without participating in the program for six years.  Future Problem Solving not only taught me to solve challenges and think critically, but it also cultivated my ability to creatively collaborate with a team and greatly improve my time management skills.  I can absolutely say that FPS is the reason that I have found success in my budding career in marketing communications.  FPS gave me the tools so I can think quickly on my feet and adapt to new challenges.
WHERE ARE THEY NOW???

Affiliate Program:  Idaho Future Problem Solving Program
Name:  Linyi Gao
**FPS component and years of involvement:** GIPS and Scenario Writing, 2005-2009
**Education:** Stanford, BS chemistry (2013), MS electrical engineering (graduation spring 2014). Starting PhD program at MIT fall 2014
**How FPS has helped shape career success:** FPS: Participating in FPS was one of the best experiences I’ve had! FPS helped me develop brainstorming, creative problem solving, and writing skills. Working on an GIPS team was not only fun and rewarding, but also good preparation for being a science major in college. Getting to attend the international conference was one of my favorite memories growing up.

Affiliate Program:  Iowa Future Problem Solving
Name:  Justin Lightfoot
**FPS component and years of involvement:** GIPS Student 1994-1999; GIPS Evaluator, 1999-current
**Education:** J.D., University of Iowa Law School; B.A., Iowa State University
**Current employment:** Assistant United States Attorney, US Department of Justice
**How FPS has helped shape career success:** Federal prosecutors must make sound and fair decisions, as these decisions can greatly impact people’s lives. This requires processing facts and identifying issues at an early stage, so that the decisions are fully informed. These skills are vital components of the FPS process, and I have no doubt that my years in FPS continue to guide me in my career.

Affiliate Program:  Malaysia Future Problem Solving
Name:  Gayathri Nair
**FPS component and years of involvement:** GIPS, Scenario Writing, CmPS from 2000 – present as coach and evaluator
**Education:** Bachelor in Environmental Science - Murdoch University, Perth, Western Australia
**Current employment:** Environmental Analyst with Enviro Solutions and Consulting (ESC)
**How FPS has helped shape career success:** FPS has helped hone my aptitude for analysis, written, spoken and interpersonal communication skills within a team environment. I have also discovered a new appreciation for variations in points of view, different approaches to understanding unfamiliar subject matter, as well as a heightened sense of my own ability to contribute society at large.
WHERE ARE THEY NOW???

Affiliate Program: Minnesota FPS
Name: Leigh Campbell

FPS component and years of involvement: GIPS Team/Individual – grades 5 through 12; Scenario Writing – grades 6 – 12; MNFPSP Evaluator (SW, GIPS) – 1997 to present; MNFPSP Board of Directors – 2003 to present; GIPS Team Evaluator for North Carolina – 2013 to present; FPSPI Scenario Evaluator – 2006 to present; FPS Coach (St. Charles Schools) – 2012 to present


Current employment: Licensed attorney in the State of Minnesota; Freelance writer for local newspaper; Consultant and Educational Consultant for Usborne Books & More

How FPS has helped shape career success: While I use the critical and creative thinking skills I learned in FPS on a daily basis, there are two particular events in my adult life where FPS was immeasurably helpful. I was accepted to three law schools in 1999. Two were in Minnesota, and one in California. Despite the differences, all three schools were perfectly valid choices. How to choose the best one? Set up a grid, and develop focused criteria, of course! In addition to obtaining an excellent education, I made a number of good friends at the University of Minnesota Law School, met and married my husband during that time, and was able to find employment in southeast Minnesota, where both of us wanted to live and work.

In November 2010, we experienced a family-wide illness contracted from my young children’s daycare. This led to identifying “How might we develop sustainable at-home work for Leigh so that she can be available for the family, before our childcare provider goes on maternity leave?” Here, creative brainstorming was critical to thinking outside the box of typical employment for an attorney. Returning to my English major roots, freelance writing and providing quality books for children became valid options. I also researched what type of work other attorneys do from home, and determined what types of cases I would be willing to take. For three years, I’ve been happily – and yes, very busily – working from home.

Affiliate Program: Mississippi FPS
Name: E. Channing Lansdell

FPS component and years of involvement: 6 years

Education: B.A. Public Policy Leadership and B.A. Accountancy, University of Mississippi May 2014; Intern with Big Four Accounting Firm in NY, NY

How FPS has helped shape career success: FPSPI can teach skills that are not and will probably not ever be covered inside the classroom. FPSPI combines the three most critical life skills within one program: critical reasoning, creative writing, and time management. My college success and career experience owe great value to FPSPI.
WHERE ARE THEY NOW???

Affiliate Program: New York Future Problem Solving
Name: Jason Navarino

FPS component and years of involvement: While a student at Woodbridge High School in Woodbridge, NJ, I was a member of the first place Middle Division team in Global Issues Problem Solving in New Jersey in 1997, an alternate member of the first place Senior Division GIPS team in NJ in 1998 - a team that went on to place second at the International Conference - and a member of the first place Senior Division GIPS team in NJ in 1999 and 2000. I was also the NJ State Champion in Individual GIPS in 1998, and placed in the top three in NJ's Senior Scenario competition in 1999 and 2000.

Education: Princeton University
Current employment: Tax and corporate attorney at Riker Danzig Scherer Hyland & Perretti LLP in Morristown, NJ

How FPS has helped shape career success:
After high school, I attended Princeton University and its Woodrow Wilson School of Public and International Affairs, where I studied real world problem solving and participated in policy task forces - a collegiate version of FPS teams, if you will. I received my undergraduate degree from Princeton in 2004, and went on to receive my law degree from Yale in 2007 and a master’s degree in tax law from NYU in 2013. Today I use my FPS skills every day to help solve problems for my clients.

Affiliate Program: Tennessee
Name: Jessica Morgan Tucker

FPS component and years of involvement: 2000-2004

Education: Master's Degree in Music from the University of Oklahoma; Bachelor's in Vocal Performance from the University of Tennessee

Current employment: 2014- Present Perkin Elmer, Inc.; 2014- Present Co-Director of New York Opera, Working in artistic development to popularize opera as an art form; 2012-2014 Weill Cornell Medical Center

How FPS has helped shape career success: I was involved in Future Problem Solvers in Carroll County, Tennessee, in high school and it brought a whole new prospective to learning to me. FPS provided me the opportunity to work with students and teachers who pushed me to hone my writing and critical thinking skills as well as encouraged ingenuity and creativity. I correctly anticipated that these skills would prepare me for colligate writing assignments and analytical classes, and I graduated with honors in both levels of my higher education. What I did not foresee was the impact FPS would have on my life outside of academia and after college. I began work at the Weill Cornell Medical College office of External and Public Affairs in midtown Manhattan shortly after moving to NYC. The position was meant to be a temporary one, but my writing skills moved me quickly into copywriting. The "underlying problem" strategy I learned through FPS became my go-to method for complicated medical subjects in medical publications. In January of 2014 I accepted a position as a medical copywriter for PerkinElmer, Inc. I am currently working with an organization called the New York Opera that I hope will correct some of the major problems that prohibit classical music particularly opera from attracting audiences from all social levels and audiences. We have launched major campaigns which will begin fall 2014. I cannot adequately find the words to express my gratitude to Ms. Linda Furr and my fellow Future Problem Solvers who have increased my confidence and my skills as well as inspired me to follow my dreams.
WHERE ARE THEY NOW???

Affiliate Program: Texas FPSP
Name: Emily Miller

**FPS component and years of involvement:** 6 years in CmPS, GIPS, and Scenario Writing
**Education:** Graduated Magna Cum Laude from Texas A & M in 2011 with a BA in Communication and a double minor in Business & Creative Studies
**Current employment:** Facebook in Austin as a Client Associate on the small/medium business team.

**How FPS has helped shape career success:** For the past two years, Emily utilizes problem solving skills every day as she analyzes challenges, creates solutions, and develops action plans for her clients to grow their businesses as they use Facebook, and through consultative support. She also spends a significant portion of her time developing her team’s new hire training program. In her spare time, Emily is on an international Future Scene writing team, writes the Resources, Research, & Reading and volunteers as an IC CmPS evaluator.

Affiliate Program: Texas FPSP
Name: John Clayton Kiddo Campbell

**FPS component and years of involvement:** Global Issues Problem Solving-6 years
**Education:** Senior at Sul Ross State University
**Current employment:** Borderland Research Institute- Wildlife Technician

**How FPS has helped shape career success:** When working with wildlife species that are endangered it is important to look for challenges that these species are facing and develop solutions so that they will be here for future generations. Kiddo has used the skills he learned and developed in the FPSP while working on research projects in the Trans Pecos region of Texas. His main projects have been the nesting habits of Gambel and scaled quail and while working on regenerating the pronghorn antelope population in the Trans Pecos region.
WHERE ARE THEY NOW???

**Affiliate Program:** Virginia FPS

**Name:** Rafa Rahman

**FPS component and years of involvement:** Member of TJ FPS freshman through senior year (2008 to 2012), president senior year (2011-2012); VA State Bowl participant in 2010, first place in 2011 & 2012; International Competition participant 2011, received bid 2012.

**Education:** Massachusetts Institute of Technology - rising Junior; Candidate for Bachelor of Science in Biological Engineering (June 2016); minoring in Public Policy with a focus on Health Policy

**Current employment:** Undergraduate Researcher in Niles Lab at MIT (Biological Engineering lab focused on malaria parasite genetics); Co-President of GlobeMed at MIT

**How FPS has helped shape career success:** Everything I do these days seems to be in the vein of Future Problem Solving! Looking at just one example, as a biological engineering major, my academics have been focused on learning about how to apply biology-based technology and engineering to a wide variety of problems we face as a society. My research is in developing a toolkit for analysis of the malaria parasite genome. While my work in the lab gets at the scientific research portion of an answer to this problem, FPS has taught me to think of the bigger picture and to take into consideration all of the inter-playing pieces in crafting a solution.

Most of my time outside classes and lab is spent thinking about global and domestic health policy. I'm heavily involved in GlobeMed at MIT, a student organization in a long-term collaboration with a non-profit called Hope through Health, which runs a system of HIV/AIDS clinics in northern Togo. Through this partnership, a large portion of our efforts go towards increasing the technological capacity at the clinic. Again, FPS has helped me develop an approach in which I look at a problem and a solution from multiple angles. We then quite literally create an action plan and implement it!

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**Affiliate Program:** Virginia FPSP

**Name:** Olander R.J. Fleming

**FPS component and years of involvement:** 2002-2006

**Education:** Powhatan High School and Bachelor of Arts from Hampton-Sydney College

**Current employment:** Longwood University, Assistant Director of Admissions for Emerging Populations

**How FPS has helped shape career success:** FPS has allowed me to think not only outside of the box but also past the immediate future. In admissions, there is a lot of problem solving, future planning and unplanned issues that need to be solved. Participating in FPS has allowed me to calmly and successfully deal with those issues as they arise.
WHERE ARE THEY NOW???

Affiliate Program: Virginia FPSP
Name: Daniel Sun

**FPS component and years of involvement:** Middle Division Individual 3rd place (2008); States Senior Division Team 2nd place (2009); States Senior Division Team 1st place (2010); States Senior Division Individual 1st place (2011); Recipient of the VAFPS Senior Scholarship (2011).

**Education:** Senior at Washington University in St. Louis, majoring in chemical engineering and mathematics

**Current employment:** I'm a student. I plan on going to graduate school in chemical engineering.

**How FPS has helped shape career success:** FPS has taught me to question the world around me and become tuned to how everything interacts with each other. Whether it's university policy, a professor's lecture, or national legislation, I consider how people I know and in the margins are affected. FPS gave me experience in planning long term service projects utilizing concrete goals to measure achievement. Right now, the skills I practiced in FPS are incredibly important in promoting service programs within my church and building relationships between the university and East St. Louis, a nearby marginalized community.

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Affiliate Program: Wisconsin FPS
Name: Danielle Breidung

**FPS component and years of involvement:** GIPS (2001-2006), IC participant 2005 & 2006; CmPS (2006-2007), IC 3rd place Senior CmPS Individual 2007

**Education:** Waunakee Community High School, 2005-2009; Washington and Lee University, Bachelor of Arts in Sociology and Anthropology, 2009-2012; Loyola University Chicago, Master of Education in International Higher Education, 2013-2015

**Current employment:** Amazon Origins, LLC – Director of Operations in Brazil. Amazon Origins is a Florida-based company that collaborates directly with rural agricultural cooperatives in the Brazilian Amazon to wild-harvest super-fruits that it transforms into dietary supplements and all-natural cosmetic.

**How FPS has helped shape career success:** Participating in FPS encouraged me to view all challenges as unique opportunities to think creatively. This mindset inspired me to streamline Amazon Origins’ supply chain, which served to maximize the positive social and economic impact of the collection and sale of naturally occurring Amazonian super-fruits for rural agricultural cooperatives in Brazil.
<table>
<thead>
<tr>
<th>Presidents</th>
<th>Locations</th>
<th>Executive Directors</th>
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<tbody>
<tr>
<td>1974-1978           Paul &amp; Pansy Torrance</td>
<td></td>
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<tr>
<td>University of Georgia</td>
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<td>Paul &amp; Pansy Torrance</td>
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<td>1981-1985           Anne Crabbe</td>
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<td>Coe College, IA</td>
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<td>1985-1989           Anne Crabbe</td>
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<td>University of Michigan</td>
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<td>Anne Crabbe</td>
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<td>1989-1991           Anne Crabbe</td>
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<td>Washington University, MO</td>
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<tr>
<td>Kathi Hume, KY</td>
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<td>James Alvino</td>
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<td>1992-1993           James Alvino</td>
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<td>Jann Bohnenberger, TN</td>
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<td>1993-1994           Bonne Jensen</td>
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<td>Vicki Connell, GA</td>
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<td>Trevor Steinbach, IL</td>
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<td>1998-2000           Kathi Hume</td>
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<td>Dana Thomas, WV</td>
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<td>Melissa Grantham, MS</td>
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<td>Cyd Rogers, TX</td>
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<td>2012-2014           Marianne Solomon</td>
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<td>Martha Barlow, WI</td>
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<td>2014-2015           Marianne Solomon</td>
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<tr>
<td>Sara Hepner, AK</td>
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<td>Marianne Solomon</td>
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Opening Doors to the Future!

Meeting educational standards around the globe to prepare today’s students for the future!

Future Problem Solving Program International
2015 Grant Place
Melbourne, Florida 32901
Phone: 321.768.0074 Fax: 321.768.0097

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