

Expert Advisors for FAA Design Competition for Universities
The following individuals have agreed to serve as expert advisors to participants in the FAA Design Competition for Universities.
You may contact them for expert feedback and guidance as you develop your concepts.

Expertise	First	Last	Title	Company/Organization	Address	Phone	Email	Professional Organization Affiliation
Assistance with Airport Operator Contacts	Melissa	Sabatine	Vice President	AAAE Regulatory Affairs	601 Madison St, Suite 400 Alexandria, VA 22314	703 578-2502	melissa.sabatine@aaae.org	AAAE
Assistance with Airport Operator Contacts	Chris	Oswald	Vice President	ACI-NA Safety and Technical Operations	1775 K Street NW, Suite 500 Washington, DC 20006	202 293-8500	coswald@aci-na.org	ACI-NA
Assistance with Air Traffic Control (ATC) Operations	Charles	Baker	Retired - Supervisory Air Traffic Control Specialist - Manager, EnRoute Requirements	Federal Aviation Administration			charlesbaker282@gmail.com	FAA
Airport Operations and Maintenance								
Management systems to include airport pavement management. (evaluating pavement conditions, prediction of future pavement conditions, development of pavement maintenance and rehabilitation plans)	Maggie	Covalt	Vice President	Applied Pavement Technology	115 W. Main Street, Suite 400, Urbana, IL 61801	217 766-2457	mcovalt@appliedpavement.com	ACC and NASAO
Airport design standards, consultant contracts, airport maintenance and airport safety inspections	Frank	Farmer	Aeronautics Manager	Alabama Department of Transportation Aeronautics Bureau	1409 Coliseum Blvd Montgomery AL	334 242-6820	farmerf@dot.state.al.us	NASAO
Airport pavement materials	David	Lange	Professor	University of Illinois Department of Civil and Environmental Engineering	205 N Mathews Ave. Urbana, IL 61801	217 333-4816	dlange@illinois.edu	ACC
Airfield lighting, navigational/visual aids, airport operation, safety and maintenance Management systems to include airport pavement management. (evaluating pavement conditions, prediction of future pavement conditions, development of pavement maintenance and rehabilitation plans)	Thomas	Mai	Electrical Engineer	FAA Airport Engineering Division, AAS-100	800 Independence Ave, SW Room 621 Washington, DC 20591	202 267-8754	thomas.mai@faa.gov	FAA
<i>General aviation</i> design and operations; <i>Airport</i> design standards, maintenance, safety inspections, pavement materials; <i>Airfield</i> grading, drainage, pavements, lighting systems, safety, design, pavement design, lighting, construction materials, navigational aids; <i>Pavement</i> engineering, materials, design, maintenance, preventive maintenance	Gary	Mitchell	Vice-President	Airport and Pavement Technology American Concrete Pavement Association	9945 Nicole Lane Charlotte, NC 28269	704-766-0851	gmitchell@acpa.org	AAAE
Airport operations and management, airport access and airport system planning	Richmond	Nettev	Associate Dean and Professor	Kent State University College of Aeronautics and Engineering	202J Aeronautics and Technology Building Kent State University, P. O. Box 5190, Kent, Ohio 44242 U.S.A.	330.672.9476	inettev@kent.edu	UAA
Pavement engineering, pavement materials, pavement design, pavement maintenance, preventive maintenance	David	Peshkin	Chief Engineer	Applied Pavement Technology	115 W. Main Street, Suite 400 Urbana, IL 61801	217 398-3977	dpeshkin@appliedpavement.com	ACC
Airport operations involving airport certification and emergency planning	Stewart	Schreckengast, PhD, CM, FRAeS	Lecturer	Purdue University	School of Aviation and Transportation Technology		swschrec@purdue.edu stewart_schreckengast@yahoo.com	UAA
Development of engine and airframe technologies, and physics-based design tools and processes that will enable dramatic improvements in noise, emissions, and performance characteristics of future subsonic aircraft operating in the air transportation system.	Faye	Collier	Associate Director for Flight Strategy, Integrated Aviation Systems Program	National Aeronautics and Space Administration	NASA Langley	757 864-9243	fayette.s.collier@nasa.gov	NASA
Navigational Systems i.e. Instrument Landing Systems (ILS), Very High Omnidirectional Ranges (VORs), Runway Visual Range (RVRs), Ground Based Augmentation System, etc.	Karen	Hammond	Chief Analytics Officer	KHD Performance Analysis Solutions LLC	6 Pennydog Court Silver Spring MD 20902	301 649-2723	khammond@khdperformance.com	AMAC, Technical Women's Organization (TWO)

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Exstare provides high level support services to assist with policy development and implementation of small business programs, including the Airport Concession Disadvantaged Business Enterprise (ACDBE) Program, Disadvantaged Business Enterprise (DBE) Program and local/small business programs. Our other core services include project management and advisory services for disparity studies; strategic planning; public relations; diversity program assessments; regulatory and contract compliance audits; and research studies.	Nancy	West	Managing Member	Exstare Federal Services Group, LLC®	6915 Stoneybrooke Lane Alexandria, VA 22306	703-765-4050	nancy@exstarefederalservices.com	AMAC and ACL-NA	NEW
Systems, Organization, Concession	Cynthia	Rumph	CEO	Fashion Spa House, INC	6077 Harford Rd Baltimore, MD 21214	443-801-8870	admin@fashionspahouse.com	AMAC, Goldman Sachs	NEW
Construction Management (Aviation, K-12, and Government)	Enrico	Washington	Vice President of Operations	Construction Works, Inc.	2524 Lithonia Industrial Blvd Suite D, Lithonia, GA 30058	678-526-8189	rico@cwiatl.com	AMAC, Associated Builders and Contractors of Georgia	NEW
Airport Management, Airport Operations, Airport Finance and Air Service development.	Felipe	Rodriguez	Adjunct Lecturer	University of Maryland - Eastern Shore	Aviation Sciences Department 11868 College Backbone Rd, Princess Anne, MD 21853	267-467-6611	farodriguez@umes.edu	American Association of Airport Executives (AAAE) CM, University Aviation Association (UAA), Airport Minority Advisory Council (AMAC)	NEW
Airport challenges and typical tasks performed by Operators of large and small airports.	Alex	Gertsen	Director, Airports and Ground Infrastructure	National Business Aviation Association	1200 G Street NW Suite 1100 Washington, DC 20005	202-737-4477	agertsen@nbaa.org	AAAE	NEW
Runway Safety/Runway Incursions/Runway Excursions									
General aviation design and operations	Steve	Debban, PE	National Resource Expert for Airport Design	Federal Aviation Administration	800 Independence Ave. S.W. - Room 621	202-267-8664	steven.debban@faa.gov	FAA	
Airport and runway safety, operations and security	Barry	Bratton	Associate	ADK Consulting & Executive Search	21525 Belvedere Ln, Estero, FL 33928	239-462-9184	n3ctacco@gmail.com	AAAE	
Air safety, runway safety/incursion and automation	Corkey	Romeo	Director of Aviation	Community College of Beaver County Pennsylvania	1 Campus Dr Monaca, PA 15061	724-847-7000 x212	carmen.romeo@ccbc.edu Corkeyr@email.com	UAA	
Human factors, runway safety	Jose'	Ruiz	Professor Aviation Department of Aviation Management & Flight	Southern Illinois University	Transportation Education Center 545 North Airport Rd Murphysboro, IL 62966	618-453-8885	jruiz@siu.edu	UAA	
Runway incursions and safety management system	Stewart	Schreckengast, PhD, CM, FRAEs	Lecturer	Purdue University	School of Aviation and Transportation Technology		swschrec@purdue.edu stewart_schreckengast@yahoo.com	UAA	
Navigational Systems I.e. Instrument Landing Systems (ILS), Very High Omnidirectional Ranges (VORs), Runway Visual Range (RVRs), Ground Based Augmentation System, etc.	Karen	Hammond	Chief Analytics Officer	KHD Performance Analysis Solutions LLC	6 Pennydog Court Silver Spring MD 20902	301 649-2723	khammond@khdperformance.com	AMAC, Technical Women's Organization (TWO)	NEW
Airport challenges and typical tasks performed by Operators of large and small airports.	Alex	Gertsen	Director, Airports and Ground Infrastructure	National Business Aviation Association	1200 G Street NW Suite 1100 Washington, DC 20005	202-737-4477	agertsen@nbaa.org	AAAE	NEW
Airport Environmental Interactions									
Environmental issues and Compliance	Chris	Babb	Managing Consultant	Landrum-Brown	11279 Cornell Park Drive Cincinnati, OH 45242	513-560-1242	cbabb@landrum-brown.com	ACC	
Environmental Planning	Laura	Sakach	Project Engineer	Crawford, Murphy & Tilly, Inc.	505 West Hickpochee, Suite 400 LaBelle, FL 33935	217 572-1046	lsakach@cmtengr.com	ACC	
Noise Mitigation to include planning of programs, community outreach, assessment of existing conditions and materials in noise-impacted structures, design of acoustical treatments, preparation of specifications and details to implement the treatments, cost estimating, construction management, and preparation of program evaluation reports	Michael	Payne	Managing Principal	The Jones Payne Group, Inc.	123 N. Washington St, 3rd Floor, Boston, MA 02114	617-790-3747	mpayne@jonespayne.com	AAAE	

Development of engine and airframe technologies, and physics-based design tools and processes that will enable dramatic improvements in noise, emissions, and performance characteristics of future subsonic aircraft operating in the air transportation system.	Faye	Collier	Associate Director for Flight Strategy, Integrated Aviation Systems Program	National Aeronautics and Space Administration	NASA Langley	757 864-9243	fayette.s.collier@nasa.gov	NASA
Aircraft Noise Certification policy, standards and regulations (14 CFR Part 36) development, Project management of noise mitigation research in flight procedures and technologies, R&D experience in rotorcraft and supersonic aircraft	Sandy	Liu	Aeroacoustic Engineer	FAA - Office of Environment & Energy (Noise Division: AEE-100)	800 Independence Ave, SW Room 900 Washington, DC 20591	202 267-4748	sandy.liu@faa.gov	FAA (member of AIAA, AHS, SAE, RAeS)
Aviation Environmental Impacts, Aircraft Operations, General Aircraft Technology Development, Modeling and Simulation, Systems	Christopher	Dorbian	Engineering, Project Management	FAA	800 Independence Ave SW, Washington, DC 20591	202-267-8156	christopher.dorbian@faa.gov	FAA
Airport Management and Planning								
Airport development, noise, business and financial planning, land use compatibility and airport system planning	David	Byers	President	Quadrex Aviation, LLC	Airport Development Services P.O. Box 34155 Melbourne, FL 32903-1155	321-574-5633	dabvers@quadrex.aero	
Multi-Airport Systems; Airport Landside; Airport Access; Design of Terminals	Richard	deNeufville	Professor of Engineering Systems	MIT Institute for Data, Systems, and Society	Room E17-369, MIT	617-697-6565	ardent@MIT.EDU	
Airfield operations, planning, design, construction, environmental management, police, fire, facility maintenance, and vehicle maintenance	John	Greaud	Sr. Project Manager	Barge Design Solutions, Inc.	8362 Grand Oak Dr., Germantown, TN 38138	(901) 568-9169	johngreaud@gmail.com	AAAE
Airport operations and management, airport access and airport system planning	Richmond	Nettev	Associate Dean and Professor	Kent State University College of Aeronautics and Engineering	202J Aeronautics and Technology Building Kent State University, P. O. Box 5190, Kent, Ohio 44242 U.S.A.	330.672.9476	inettev@kent.edu	UAA
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Airport Management, Airport Operations, Airport Finance and Air Service development.	Felipe	Rodriguez	Adjunct Lecturer	University of Maryland - Eastern Shore	Aviation Sciences Department 11868 College Backbone Rd, Princess Anne, MD 21853	267-467-6611	farodriguez@umes.edu	American Association of Airport Executives (AAAE) CM, University Aviation Association (UAA), Airport Minority Advisory Council (AMAC)
Safety Management								
Safety management system development and safety program management	Jose'	Ruiz	Professor Aviation Department of Aviation Management & Flight	Southern Illinois University	Transportation Education Center 545 North Airport Rd Murphysboro, IL 62966	618-453-8885	jruiz@siu.edu	UAA

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Safety management, Safety Management Systems (SMS), Risk Management, ADA compliance, Emergency Management	Roger	Studenski	Manager, Risk and Safety	Jacksonville Aviation Authority	14201 Pecan Park Road, Jacksonville, FL 32218	904-741-3163	Roger.Studenski@flvjax.com	ACI-NA
Airport challenges and typical tasks performed by Operators of large and small airports.	Alex	Gertsen	Director, Airports and Ground Infrastructure	National Business Aviation Association	1200 G Street NW Suite 1100 Washington, DC 20005	202-737-4477	agertsen@nbaa.org	AAAAE
Aircraft Automation/Autonomous Flight								
Aircraft Automation/Autonomous Flight	Corkey	Romeo	Director of Aviation	Community College of Beaver County Pennsylvania	1 Campus Dr Monaca, PA 15061	724 847-7000 x212	carmen.romeo@ccbc.edu Corkeyr@email.com	UAA

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