

CURRICULUM VITAE OF STEVEN CHARLES GOETZ

PROFESSIONAL AFFILIATION AND CONTACT INFORMATION

Aviation Management and Flight
School of Aviation
College of Health and Human Sciences
Southern Illinois University
Mailcode 6817
545 N. Airport Rd.
Carbondale, IL 62901.
sgoetz@siu.edu
618-453-9280

EDUCATION

Formal

Master of Science in Education with a focus on Workforce Education and Development, Southern Illinois University Carbondale, December 2011
Associate of Applied Science in Aviation Maintenance, Southwestern Illinois College, December 2007
Associate of Applied Science in Aviation Pilot Training, Lewis and Clark Community College, December 2007
Bachelor of Science in History, Truman State University, May 2005

Certification

Cessna technically advanced aircraft FITS training certificate	2007
FAA certified flight instructor, airplane single engine	2007
FAA certified flight instructor, instrument airplane	2007
FAA certified flight instructor, airplane multi engine	2007
FAA certified airframe and powerplant mechanic	2007
FAA certified ground instructor, advanced and instrument	2008
FAA certified flight instructor, gold seal	2008
FAA Airline Transport Pilot, Airplane Single and Multi-Engine	2018
FAA Remote Pilot	2016
FAA first class medical certificate	2022

Flight Experience

Total Time:	3500+ hours
Pilot in Command time:	3400+ hours
Multi Engine time:	400+ hours
Instrument (sim & act)	100+ hours
Instructional Time:	2750+ hours
Instrument Instruction:	400+ hours
Multi-Engine Instruction:	225+ hours
Last twelve months:	70+ hours

PROFESSIONAL EXPERIENCE

Associate Professor – School of Aviation Southern Illinois University Carbondale 545 N. Airport Rd. Carbondale, IL 62901	08-2025 to present
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Chief Flight Instructor and Associate Professor and Program Coordinator –
Southern Illinois University Carbondale 09-2022 to 08/2025
School of Aviation
545 N. Airport Rd. Carbondale, IL 62901

Designated Pilot Examiner – 14 CFR 183 Designee of the FAA
Aviation Training and Evaluation Services, LLC 10-2016 to present
Carbondale, IL 62901

Associate Professor -- Department of Aviation Management and Flight
Southern Illinois University Carbondale 08-2020 to 09-2022
545 N. Airport Rd. Carbondale, IL 62901

Assistant Professor -- Department of Aviation Management and Flight
Southern Illinois University Carbondale 08-2014 to 08-2020
545 N. Airport Rd. Carbondale, IL 62901

Senior Lecturer (Assistant Chief Flight Instructor) --
Southern Illinois University Carbondale 08-2013 to 08-2014
Department of Aviation Management and Flight
545 N. Airport Rd. Carbondale, IL 62901

Assistant Instructor (Assistant Chief Flight Instructor) --.
Southern Illinois University Carbondale 10-2011 to 08-2013
Department of Aviation Management and Flight
545 N. Airport Rd. Carbondale, IL 62901

Assistant Instructor (Flight Instructor) --
Southern Illinois University Carbondale 06-2008 to 10-2011
Department of Aviation Management and Flight
665 N. Airport Rd. Carbondale, IL 62901

Flight Instructor –
Langa Air Inc. 04-2007 to 05-2008
4 eagle Ct. East Alton, IL 62024

RESEARCH AND CREATIVE ACTIVITY

Interests and Specialties:

- Flight Training
- Simulation in flight training
- Aviation Outreach
- STEM opportunities in K-12 education
- Aviation Career Orientation and Development in K-12 Education

Current Projects

Rutledge, A., Chambers-Baltz, S., Baltz, D., Romero, M., Goetz, S. (underway). Depression and Anxiety amongst Air Traffic Controllers.

Miller, I., Wilkins, K., Goetz, S. (underway). Effectiveness of 100R in a flight training setting.

Grants Applied For But Not Funded

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Romero, M. & Goetz, S.C. (2018). Forces to flyers funded by the US Department of Transportation, July 2018 to December 2019, Amount: \$1,166,422.20

Goetz, S. & Ruiz, L. (2017). American airlines junior pilot day camp, funded by American Airlines, January 2018 to January 2019, Amount: \$24,997.00

Grants Received:

Goetz, S. & Ruiz, L. (2016). NASA wings summer camp, funded by NASA, 31 May 2016 to 30 September 2018 [later extended to 21 March 2023], Amount: \$59,694.99 [extended to 114,198.00]

Goetz, S. (2015). SIUC pilot combined academy, (Sub-contract with the University of Illinois at Chicago), Funded by the Illinois Department of Transportation, 24 June 2015 to 17 July 2015, Amount: \$9,974

Goetz, S. (2015). An evaluation of the use of existing networked computer resources for big data processing. Summer Research Grant, Funded by the College of Applied Sciences and Arts, Southern Illinois University Carbondale, 15 May 2015 to 15 August 2015, Amount: \$2,850

Robertson, M. F., Harrison, B. T., Goetz, S., Romero, M. & Ruiz, J. (2014). PEGASAS: Airport SMS Software Analysis (Sub-contract with The Ohio State University), Funded by the Federal Aviation Administration (FAA), 2014-2016. Amount: \$92,089.

Goetz, S. (2014). SIUC pilot combined academy, (Sub-contract with the University of Illinois at Chicago), Funded by the Illinois Department of Transportation, 28 June 2014 to 1 August, 2014, Amount: \$19,636.95

Goetz, S. (2013). SIUC pilot combined academy, (Sub-contract with the University of Illinois at Chicago), Funded by the Illinois Department of Transportation, 01 July 2013 to 31 October 2013, Amount: \$14,532.00

Ruiz, L. & Goetz, S. NASA wings summer camp, funded by NASA, 30 May 2013 to 30 September 2015, Amount: \$52,600.00

Papers and Presentations at Professional Meetings:

Romero, M.J. & Goetz, S., (2020, September 18). *Fatigue in collegiate flight training. Professional Papers Presentation*. Presented at the Conference to the University Aviation Association, Virtual

Romero, M. J., & Goetz, S. C. (2018, March 21). *Finding future aviators*. Presented at Flashtalk:2- Second Annual Research Flash Talks: Carbondale, IL

Robertson, M. F. & Goetz, S. C. (2018, March 21). *The relationship between student chronotypes and performance*. Presented at Flashtalk:2- Second Annual Research Flash Talks: Carbondale, IL

Goetz, S., Romero, M. J., & Robertson, M. F. (2018, March 21). *Characteristics of "good" flight instructors: How are flight instructors different than other educators*. Presented at Flashtalk:2- Second Annual Research Flash Talks: Carbondale, IL

Burgener, M. A., Roy, T., Goetz, S. Wambold, N., & McDonald, P. (2017, November 4). *UAS (unmanned aerial systems): Challenges and opportunities*, Panel discussion presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Carbondale, IL

Romero, M. & Goetz, S. (2017, November 4). *Aviation Origin Stories: A Qualitative Inquiry into the Factors that Influenced Aviation Students to Choose their Field of Study*. Presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Presentation Session 3, Carbondale, IL.

Goetz, S. & Romero, M. ((2017, November 4). *Extracurricular Undergraduate Research: Student Perspectives and Experiences*. Presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Presentation Session 2, Carbondale, IL.

Romero, M. & Goetz, S (2017, November 4). *Factors Influencing Student Selection of a Collegiate Aviation Program*. Presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Presentation Session 1, Carbondale, IL.

- Goetz, S. & Pavel, S., & Robertson, M. (2017, September 15). *Analysis of NTSB and FAA accident and incident databases in light of the new FAA slow flight and stall training policy*. Presented at the University Aviation Association, Research Roundtable, Riverside, CA.
- Romero, M., Goetz, S. & Robertson, M. (2017, September 15). *Uses of unmanned aircraft systems in the United States*. Presented at the University Aviation Association, Research Roundtable, Riverside, CA.
- Robertson, M. F., Romero, M. & Goetz, S. (2017, September 14). *The status of safety management systems at collegiate flight training institutions*. Presented at the University Aviation Association, Professional Paper Presentation, Riverside, CA.
- Goetz, S. (2017, April 28). *Flight instructor burnout and coping mechanisms*. Presented at Flashtalk:1- First Annual Faculty Research Flash Talks, Carbondale, IL.
- Goetz, S. (2016, October 15). *Perspectives and researcher experiences of extracurricular undergraduate research*. Presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Presentation Session IV: Aviation, Carbondale, IL.
- Goetz, S. (2016, October 15). *SIUC/UIC national summer transportation institute*. Presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Presentation Session IV: Aviation, Carbondale, IL.
- Goetz, S. (2016, October 15). *NASA wings summer camp*. Presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Presentation Session IV: Aviation, Carbondale, IL.
- Burgener, M. A., Peterson, J., Glass, W. R., Goetz, S., & Robertson, M. (2016, October 14). *Unmanned aerial systems (UAS) – What are they?* Panel discussion presented at the Applied Sciences and Arts Multidisciplinary Research Symposium, Carbondale, IL.
- Robertson, M. & Goetz, S. (2016, September 30). *A systematic literature review of qualitative research in collegiate aviation education 2002-present*. Presented at the University Aviation Association, Research Roundtable, Omaha, NE.
- Goetz, S. & Harrison, B. (2016, September 30). *Evaluation of the accuracy of the experimental graphical area forecast*. Presented at the University Aviation Association, Research Roundtable, Omaha, NE.

- Young, S. & Goetz, S. (2016, June 8). Study of safety management systems (SMS) for airports update. Presented to the general public, PEGASAS 4th Annual Meeting, Ames, IA.
- Goetz, S. (2015, November 21). *An evaluation of the use of existing networked computer resources for big data processing*. Presented to the Applied Sciences and Arts Multidisciplinary Research Symposium, Carbondale, IL.
- Robertson, M., Romero, M., & Goetz, S. (2015, November 21). *SMS software at airports: A PEGASAS grant*. Presented to the Applied Sciences and Arts Multidisciplinary Research Symposium, Carbondale, IL.
- Beckman, W. & Goetz, S. (2015, October 9). *Using summer camps to attract students to aviation: Lessons learned from running aviation camps*. Presented the University Aviation Association, Education Session III, Snowbird, UT.
- Goetz, S. (2015, October 9). *Flight instructor burnout and coping mechanisms*. Presented the University Aviation Association, Research Roundtable, Snowbird, UT.
- Goetz, S., & Harrison, B. T. (2015, October 8). *The use of FAA flight training and aviation training devices at UAA institutions*. Presented the University Aviation Association, Professional Paper Presentations, Snowbird, UT.
- Goetz, S. (2015, August 12). *The plane truth: Computing at 20,000 feet*. Presented at the 2015 I.T. Day of SIU Carbondale, Carbondale, IL.
- Young, S. & Goetz, S. (2015, May 28). Study of safety management systems (SMS) for airports update. Presented to the general public, PEGASAS 3rd Annual Meeting, West Lafayette, IN.
- Robertson, M. F., Goetz, S., Harrison, B. T. & Romero, M. (2015, May 27). Study of safety management systems (SMS) for airports update. Presented to the Federal Aviation Administration, PEGASAS 3rd Annual Meeting, West Lafayette, IN.
- Harrison, B. T., Goetz, S., Robertson, M. F., & Romero, M. (2015, April 14). The status of safety management systems at FAR Part 139 airports: An analysis by airport class and region. Presented to the 14th Annual Oklahoma Aviation Education Research Symposium, Stillwater, Oklahoma
- Goetz, S., Romero, M., Gowda, Y., & Manning, A. (2015, January 16). *PEGASAS Project 12: Airport sms software analysis*. Presented to the Safety Systems session of the Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ.

Goetz, S., Pavel, S., & Voges, J. (2014, October 10). *Effect of geographic knowledge on the decision to continue vfr into imc*. Presented the University Aviation Association, Research Roundtable, Daytona Beach, FL.

Goetz, S. (2013, November 8). *Summer camps: Recruiting and retention*. Presented the University Aviation Association, Best Practices Roundtable, San Juan, Puerto Rico

Goetz, S. (2013, November 8). *Transfer of learning from analog instrumentation to digital and vice versa*. Presented the University Aviation Association, Research Roundtable, San Juan, Puerto Rico.

Goetz, S. (2012, September 28). *Training requirements for flight crew members in space operations*. Presented the University Aviation Association, Research Roundtable, Murfreesboro, TN.

Goetz, S., Harrison, B. & Robertson, M. (2012, September 27). *Use of simulation in visual flight training: The effect on time to solo*. Paper to the University Aviation Association, Professional Paper Presentations, Murfreesboro, TN.

Other:

Goetz, S. (2018 July 26). *CFI "warstories": Learning from our peers*. Presented at the National Association of Flight Instructors Professional Development Center at Airventure 2018, Oshkosh, WI

Goetz, S. C. (2018, March 24). *Using FAA Guidance and Planning for CAP Evaluations*. Presented to the Illinois Wing CAP Check Pilot/Instructor Pilot Annual meeting: Bolingbrook, IL

Goetz, S. (2018, January 19). *Aerospace education material from civil air patrol*. Presented at Science in the South: the 22nd annual regional conference on Science Education, Session 4, Carbondale, IL.

Goetz, S. (2018, January 19). *Aerospace education material from civil air patrol*. Presented at Science in the South: the 22nd annual regional conference on Science Education, Session 3, Carbondale, IL.

Goetz, S. (2018, January 19). *Aerospace education material from civil air patrol*. Presented at Science in the South: the 22nd annual regional conference on Science Education, Session 1, Carbondale, IL.

- Goetz, S. (2017, December 20). *CFI war stories- Learning from our peers*. Presented to the National Association of Flight Instructors MentorLive. Retrieved from <http://www.mentorlive.site/program/4.html>
- Smith, W., Talleur, D., Goetz, S., Taft, D., & Dow, A. (2017, September 23). *Pilot Examiner Panel*. Panel presented at the 1st annual CFI forum in Savoy, IL
- Goetz, S. (2017, September 23). *Changes for CFIs*. Presented at the 1st annual CFI forum in Savoy, IL
- Smith, W., Widick, L., Goetz, S., Resch, R., Swank, S. & Abulfathi, A. (2017, August 19). *DPE Panel*. Panel presented at the Checkrides Checklist and Calamity Safety Seminar, Mt. Vernon, IL
- Goetz, S. (2017, July 29). *DPE feedback: Common problems on check rides*. Presented at the National Association of Flight Instructors Professional Development Center at Airventure 2017, Oshkosh, WI
- Goetz, S. (2017 July 27). *CFI "warstories": Learning from our peers*. Presented at the National Association of Flight Instructors Professional Development Center at Airventure 2017, Oshkosh, WI
- Goetz, S. (2017, July 7). *Accident Causal Factors*. Seminar presented at the WINGS Weekend, Mattoon, IL
- Goetz, S. (2016, September 29). Session Moderator. University Aviation Association Fall Education Conference, Safety II, Omaha, NE.
- Goetz, S. (2016, September 10). *Keeping Control-part 1: ADM and runway safety*. Seminar presented at the WINGS Safety Day, Part 1, Carbondale, IL
- Goetz, S. (2016, September 10). *Keeping Control-part 3: Performance / take-off and landings / emergencies*. Seminar presented at the WINGS Safety Day, Part 3, Carbondale, IL
- Goetz, S. (2014, March 22). *Airport Operations, Take off and Landings, and aircraft control*. Seminar presented at the VFR Refresher Clinic, Part 1, Carbondale, IL
- Goetz, S. (2014, March 22). *VFR cross country planning*. Seminar presented at the VFR Refresher Clinic, Part 3, Carbondale, IL
- Kampe, D. & Goetz, S. (2013, January 12) *IFR Flight*. Seminar presented at the Super Safety Seminar, Springfield, IL

PUBLICATIONS AND CREATIVE WORKS

Articles in Professional Journals:

- Romero, M. J., Robertson, M. F., & Goetz, S. C. (2020). Fatigue in collegiate flight training. *Collegiate Aviation Review International*, 38(1), 12-29. Retrieved From <https://ojs.library.okstate.edu/osu/index.php/CARI/article/view/7912>
- Goetz, S.C., Robertson, M.F., Harrison, B.T., & Romero, M.J. (2019). The Relationship between Time of Day and Student Check Ride Performance. *Collegiate Aviation Review International*, 37(1), 117-130. Retrieved from <http://ojs.library.okstate.edu/osu/index.php/CARI/article/view/7819>
- Goetz, S., Romero, M., & Robertson, M. (2017). Perspectives and researcher experiences of undergraduate research. *Journal of Applied Sciences and Arts*, 1(3), article 7. Retrieved from: <http://opensiuc.lib.siu.edu/jasa/vol1/iss3/7>
- Robertson, M. F., Romero, M. & Goetz, S. (2017). The status of safety management systems at collegiate flight training institutions. *Collegiate Aviation Review International* 35(2), 82-101. Available from: <https://doi.org/10.22488/okstate.18.100482>
- Robertson, M. & Goetz S. (2017). Lived experiences of 1996 appalachian trail thru-hikers. *Journal of Unconventional Parks, Tourism & Recreation Research*, 7(1), 16-21.
- Goetz, S. Harrison, B. T., & Voges, J. K. (2015). The use of FAA flight training and aviation training devices at UAA institutions. *Collegiate Aviation Review*, 33(1), 44-59.
- Harrison, B. T., Goetz, S., Robertson, M. F., & Romero, M. (2015). The status of safety management systems at FAR Part 139 Airports: An analysis by airport class and region. *14th Annual Oklahoma Aviation Education Research Symposium Proceedings, Oklahoma State University, CDROM*.
- Goetz, S., Harrison, B. & Robertson, M. (2012). Use of simulation in visual flight training: The effect on time to solo. *Collegiate Aviation Review*, 30(2), 1-10.

Other Peer Reviewed Publications:

- Burgener, M. A., Roy, T., Goetz, S. Wambold, N., & McDonald, P. (2017). UAS (unmanned aerial systems): Challenges and opportunities, *Conference Proceedings of the 2017 Applied Sciences and Arts Multidisciplinary Research Symposium, Panel*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2017/panel/1/>

- Romero, M. & Goetz, S. (2017). Aviation Origin Stories: A Qualitative Inquiry into the Factors that Influenced Aviation Students to Choose their Field of Study. *Conference Proceedings of the 2017 Applied Sciences and Arts Multidisciplinary Research Symposium, Abstract Presentations*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2017/abstractpresentation/10/>
- Goetz, S. & Romero, M. (2017). Extracurricular Undergraduate Research: Student Perspectives and Experiences. *Conference Proceedings of the 2017 Applied Sciences and Arts Multidisciplinary Research Symposium, Abstract Presentations*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2017/abstractpresentation/14/>
- Romero, M. & Goetz, S (2017). Factors Influencing Student Selection of a Collegiate Aviation Program. *Conference Proceedings of the 2017 Applied Sciences and Arts Multidisciplinary Research Symposium, Abstract Presentations*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2017/abstractpresentation/12/>
- Burgener, M. A., Peterson, J., Glass, W. R., Goetz, S., & Robertson, M. (2016). Unmanned aerial systems (UAS) – What are they? *Conference Proceedings of the 2016 Applied Sciences and Arts Multidisciplinary Research Symposium, Panel*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2016/Panel/1/>
- Goetz, S. (2016). Perspectives and researcher experiences of extracurricular undergraduate research. *Conference Proceedings of the 2016 Applied Sciences and Arts Multidisciplinary Research Symposium, Abstract Presentations*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2016/Abstracts/5/>
- Goetz, S. (2016). SIUC/UIC national summer transportation institute. *Conference Proceedings of the 2016 Applied Sciences and Arts Multidisciplinary Research Symposium, Grant Presentations*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2016/Grants/3/>
- Goetz, S. (2016). NASA wings summer camp. *Conference Proceedings of the 2016 Applied Sciences and Arts Multidisciplinary Research Symposium, Grant Presentations*, Carbondale, IL. Retrieved from <http://opensiuc.lib.siu.edu/asars/2016/Grants/4/>
- Goetz, S. (2016). An evaluation of the use of existing networked computer resources for big data processing. *Proceedings of the 2nd Annual Applied Science and Arts Multidisciplinary Research Symposium*, 29

- Robertson, M., Romero, M., & Goetz, S. (2016). SMS software at airports: A PEGASAS grant. *Proceedings of the 2nd Annual Applied Science and Arts Multidisciplinary Research Symposium*, 34
- Goetz, S., Romero, M., Gowda, Y., & Manning, A. (In Press). PEGASAS Project 12: Airport sms software analysis. *Conference Proceedings of the Aviation, Aeronautics, and Aerospace International Research Conference, Phoenix, AZ.*
- Goetz, S., Pavel, S., & Voges, J. (2014). Effect of geographic knowledge on the decision to continue vfr into imc. [Abstract]. *2014 Fall Education Conference Proceedings of the University Aviation Association, Daytona Beach, FL.* Retrieved from http://www.imis100us1.com/UAA/UAAMain/Publications/Presentations_2014.aspx

Other Publications

- Romero, M. J., & Goetz, S. C. (2018). Finding future aviators [Abstract]. *Flashtalk:2- Second Annual Research Flash Talks, College of Applied Sciences and Arts at Southern Illinois University: Carbondale, IL*
- Robertson, M. F. & Goetz, S. C. (2018). The relationship between student chronotypes and performance [Abstract]. *Flashtalk:2- Second Annual Research Flash Talks, College of Applied Sciences and Arts at Southern Illinois University: Carbondale, IL*
- Goetz, S. C., Romero, M. J., & Robertson, M. F. (2018). Characteristics of “good” flight instructors: How are flight instructors different than other educators [Abstract]. *Flashtalk:2- Second Annual Research Flash Talks, College of Applied Sciences and Arts at Southern Illinois University: Carbondale, IL*
- Goetz, S. (2017). Flight instructor burnout and coping mechanisms [Abstract]. *Abstract booklet of Flashtalk:1- First Annual Faculty Research Flash Talks, College of Applied Sciences and Arts at Southern Illinois University: Carbondale, IL*

TEACHING EXPERIENCE

Teaching Interests and Specialties:

Aviation History
Aviation Regulations
Technically Advanced Aircraft systems, specifically G1000
Aviation Pilot Training, Private through Certified Flight Instructor,
Single and Multi-Engine and Instrument Ratings

Courses Taught:

SIUC Flight Training Courses:

Private Pilot: AF 201A, AF 201B

Commercial Pilot: AF 199, AF 203, AF 204, AF 207A, AF 207B

Instrument Airplane: AF 206A, AF 206B

Certified Flight Instructor: AF 300A, AF 300B

Didactic Courses:

AF 205 – Flight - Instrument Theory

AF 210 -- Aviation Human Factors

AF 211 – Aviation Weather

AF 303 – Instructor – Ground School

AF 306 – Transition to Technically Advanced Aircraft

AF 311 -- Aviation Weather II

AVM 300 – Aviation Management Research

AVM 303 – Introduction to Aviation Management

AVM 304 – Aviation Industry Regulations

AVM 374 – General Aviation Operations

AVM 460 – National Airspace System

Student Research Mentorship:

Andrew Thomas 2016

Matthew Heberlie 2015

Kinsey Richmond 2014

Presentations and Publications by Mentees:

Thomas, A. (2016, April 4). *Renewable Energy in Aviation Training Environments*. Poster presentation at the 2016 Undergraduate Creative Activities and Research Forum of Southern Illinois University, Carbondale, IL.

Thomas, A. (2016). *Renewable Energy in Aviation Training Environments*. [Abstract]. *Undergraduate Creative Activities and Research forum: 2016 Abstracts, Carbondale, IL*. Retrieved from http://curca.siu.edu/_common/images/2016%20UCARF%20Abstract%20Booklet2.pdf

Thomas, A. (2016, September 29-30). *Renewable Energy Sources in the FAR Part 141 Curriculum Aviation Training Environment*. Poster presentation at the 2016 Fall Education Conference of the University Aviation Association, Omaha, NE.

Thomas, A. (2016). *Renewable Energy Sources in the FAR Part 141 Curriculum Aviation Training Environment*. [Poster]. *2016 UAA Student Virtual Poster Contest of the University Aviation Association, Snowbird, UT*. Retrieved from: http://www.imis100us1.com/UAA/UAAMain/UAAMain/For_Students/Student_Posters/2016_Entries.aspx

Heberlie, M. (2015, April 6) *Viability of Electrically Powered Aircraft*. Poster presentation at the 2015 Undergraduate Creative Activities and Research Forum of Southern Illinois University, Carbondale, IL.

Heberlie, M. (2015). Viability of Electrically Powered Aircraft. [Abstract]. *Undergraduate Creative Activities and Research forum: 2015 Abstracts, Carbondale, IL.*

Heberlie, M. (2015, October 8-9) *Viability of Electrically Powered Aircraft*. Poster presentation at the 2015 Fall Education Conference of the University Aviation Association, Snowbird, UT

Heberlie, M. (2015). Viability of Electrically Powered Aircraft [Poster]. *2015 UAA Student Virtual Poster Contest of the University Aviation Association, Snowbird, UT*. Retrieved from:
http://www.imis100us1.com/UAA/UAAMain/UAAMain/For_Students/Student_Posters/2015_Entries.aspx

Richmond, K. (2014). *Neil Armstrong's impact on the Aviation Industry*. Presented at the ASA Research Symposium on November 22nd, 2014

Faculty Advisor	
Saluki Flight, an SIU Registered Student	2016-2020
Organization associated with the Civil Air Patrol	

UNIVERSITY SERVICE

University:	
Undergraduate Education Policy Committee	2016-2018
University Housing Faculty Associate	2013-2022
Faculty Senate – Non-Tenure Track Voting Unit	2013-2015
Undergraduate Education Policy Committee	2013-2015
College of Applied Sciences and Arts:	
Scholarship Committee Chair	2018-2021
Scholarship Committee Member	2016-present
Department:	
Aviation Management and Flight Executive Committee	2014-Present
Aviation Management and Flight Scholarship Committee	2016-2022
Aviation Flight Assessment Committee	2014-Present
Aviation Management and Flight Executive Committee	2014-Present
Aviation Flight Senior Staff	2013-Present
AF306 Curriculum Creation	2009-2012

PROFESSIONAL SERVICE

Membership in Professional Associations:

University Aviation Association	2012-Present
K-12 Committee member	2012-2016
Distance Education Committee Member	2012-2017
Simulation Committee Member	2012-2017
Simulation Committee Chair	2013-2016
Flight Education Committee Member	2016-Present
UAA Bylaws Committee	2017-2021
Illinois FAA Safety Team	2009-Present
National Association of Flight Instructors	2007-Lifetime
NAFI MCFI Advisory Committee	2017-Present
NAFI Volunteer Leadership Team	2021-Present
Society of Aviation and Flight Educators	2018-Lifetime

Honors Awarded in Professional Associations

Master Instructor Designation from the National Association of Flight Instructors, August 2025-2027

Master Instructor Designation from the National Association of Flight Instructors, August 2023-2025

Master Instructor Designation from the National Association of Flight Instructors, August 2021-2023

Master Instructor Designation from the National Association of Flight Instructors, August 2019-2021

Master Instructor Designation from the National Association of Flight Instructors, August 2017-2019

Master Instructor Designation from the National Association of Flight Instructors, August 2015-2017

Master Instructor Designation from the National Association of Flight Instructors, August 2013-2015

Master Instructor Designation from the National Association of Flight Instructors, August 2011-2013

COMMUNITY SERVICE

National Association of Flight Instructors	2008-Present
Master Instructor Reviewer	2017-Present
Volunteer Leadership Team	2021-Present
Member Content Contributions Committee	2021-Present

FAA Safety Team 2009-Present
Representative

Assist in the organization of safety seminars
Present seminars and webinars to the broader pilot population
and aviation community

Civil Air Patrol 2008-2025
Various positions within Civil Air Patrol as needed to fulfill the mission at
hand.

Honors Awarded

2012 Brewer Award Recipient – Illinois Wing Civil Air Patrol –
Aerospace Education Officer of the Year

Group 1, Illinois Wing Civil Air Patrol Senior member of the year of
2014