

9. Leadership Team Bios

Name and Title: Dr. Sheli Smith, Director of Programs PAST Foundation

Grant Responsibilities: Project Director Oversight (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: I have over thirty years of experience in applied learning through formal and informal education and applied learning. I am committed to transforming education into an agile and responsive system of learning that addresses all modalities of learning. To this end, I have participated projects that promote transforming education (*Projects:* SOIL, SOIL, Growing SOIL, FAST Innovation Design Team); partnered in designing new educational models that are vertically aligned and integrated across content (*Learning Center Designs:* High Sea, Growth); partnered in designing and implementing meaningful professional development across the US; and I am one of the leads in creating the first US Masters in STEM Instruction at Dakota Wesleyan University

Name and Title: Ketal Patel, Assistant Director of Programs, PAST Foundation

Grant Responsibilities: Field Director (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: I am the Assistant Director for the PAST Foundation and am passionate to design new educational opportunities for all students. Through the Community Connector grant, we have an exciting opportunity to continue to break down traditional models of education and create a program where students have an opportunity to build and design for other students in other communities. I am qualified to bring a perspective of a fine artist/design background as well as k-12 licensed educator to our team to explore the possibilities to design meaningful experiences for today's students.

Name and Title: Monica Hunter, PhD, Director of Research, PAST Foundation

Grant Responsibilities: In House Evaluation Director (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: I am the Director of Research for the PAST Foundation leading a team of ethnographers committed to helping people through their own voice recognize growth and constraints associated with transforming education from a grassroots level. I am committed to providing our project teams with real time recommendations so that together we can forge the best pathways to success. Through the Community Connector grant, we have an exciting opportunity to continue to break down traditional models of education and create a program where students have an opportunity to build and design for other students in other communities. I bring to the program over 20 years of experience in cultural anthropology and ethnographic work. As the lead in PAST research we have published and presented extensively on using ethnography as a means of formative assessment.

Name and Title: Heather Popio, Director of Lifelong Learning Initiatives, COSI

Grant Responsibilities: Lead of Mentor Training Program (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: I am a passionate advocate for student success through development of 21st Century Skills and real world work experiences in a mentor supported, environment. I bring 13 years of experience with COSI's workforce development efforts, including leading creation of the Career Ladder. The Career Ladder program gives teens opportunity for growth and achievement, resulting in greater educational and professional success. My qualifications include: strategic planning, audience development, partnership negotiation, business development, and change management.

Name and Title: Michael Mattes, Ohio Director, Coalition for Christian Outreach (CCO)

Grant Responsibilities: Lead on College Mentor Internship Program (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: With a bachelors of arts in interdisciplinary studies (concentration in Physics & Religious Studies), I began a journey in academic faithfulness to cultivate and integrate a Christian worldview into all of life. Upon starting on staff with the CCO in 2002, I have had a growing passion to transform college students to transform the world. Having served as a CCO campus minister at The Ohio State University for four years, supervising Ohio CCO campus staff for another four years and from 2009 until present serving as the Ohio Director, it is my passion to call college students to serve Jesus Christ with their entire lives.

Name and Title: Darin Hadinger, Lead Instructor Advanced Energy Program, Hocking Technical College

Grant Responsibilities: Lead Instructor for Prototyping (Time Exp: 50%)

Statement of Passion/Qualifications and Relevant Experience: I am the lead instructor of the Advanced Energy Program at Hocking Technical College. I teach through real world application and theory courses in Solar Photovoltaics, Solar Thermal, Wind Energy, Electrochemical Energy & Storage, Sustainable Building, Energy Efficiency and other courses throughout the year. Alongside skills based learning strategies, I focus on creative and critical thinking skills in preparing students to be leaders of effective change. I am deeply passionate about helping students of all ages make a huge impact on the environment, health, and the economy by employing innovative and real world learning methods. Through my courses I help students find their strengths and apply their passions and skills as they transition into the workforce.

Name and Title: Dr. Andrew Bruening, Faculty, Metro Early College HS and MS

Grant Responsibilities: Lead Instructor at Metro FabLab (Time Expenditure 100%)

Statement of Passion/Qualifications and Relevant Experience: Dr. Andrew Bruening is a founding faculty member of Metro Early College High School and Director of the Fab Lab at PAST. Andy coaches Metro's FIRST Robotics team 3324 The Metrobots and brings a wide range of rapid prototyping skills to PAST. He also serves as program director for several PAST Foundation Bridge Programs. He is the Vice Chair for the Central Ohio Robotics Initiative (CORI) a program of PAST. Dr. Bruening received a Ph.D. in geology from the University of South Carolina in 2007 and a BS in marine science from Eckerd College in 1994. He was recognized as the Ohio FRC Mentor of the year for 2013 and as the 2014 FRC Queen City Regional Woody Flowers Mentor of the Year.

Name and Title: Tricia Moore, Director of Partnerships, Reynoldsburg City Schools

Grant Responsibilities: FabLab Pathway Oversight (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: Tricia Moore has been the director of partnerships and shared services for the Reynoldsburg City School District for seven years. With her support, the district has forged unique partnerships resulting in shared campus including two Reynoldsburg high school academies, a public health care center and a community college. She has won more than \$16 million in competitive grants for Reynoldsburg schools. Prior to joining the school district, Ms. Moore spent 10 years as a community journalist. She is a 1997 graduate of the Ohio University Scripps School of Journalism. She is actively involved in the Reynoldsburg community as both a staff member and parent of three children attending Reynoldsburg Schools.

Name and Title: Suzanne Allen, Assistant Superintendent Geauga Co. ESC

Grant Responsibilities: Fablab Pathway Oversight (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: We believe that all students benefit from s STEM program because it teaches independent innovation and allows students to explore greater depths of all of the subjects by utilizing the skills

learned; these skills are going to be required in order for today's students to be tomorrow's global leaders. As lead grant director, GCESC submitted and was awarded a Straight A Grant – Geauga Innovation and Career Readiness Consortium. While bringing STEM pedagogy to our local districts, this grant is primarily supporting the opening of iSTEM Geauga Early College High in 2015-16. iSTEM Geauga Early College High School will offer a rigorous, diverse, integrated, and project-based curriculum to students in grades 9-12, with the goal to prepare those students for college, the workforce, and citizenship. While all the core academic disciplines will be part of iSTEM curriculum, incorporating atypical opportunities, such as engineering, state of the art FabLab technologies and direct connections with businesses and manufacturers, will broaden our students' experiences and knowledge level.

Name and Title: Nathan Conrad, Assistant Principal, Lancaster High School (LHS)

Grant Responsibilities: Fablab Pathway Oversight (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: I am in my 17th year in education and have been an administrator for the past 8 years. I am currently implementing the SOIL and FAST Design in Education Grant at Lancaster High School. I am also on the committee to bring STEM to Lancaster High School. I have been instrumental in planning Marzano teaching strategies at Lancaster High School and also was instrumental implementing the 1 to 1 iPads at LHS. Before entering into administration I taught high school for 8 years. LHS students learn best when surrounded with positive educators who believe learning is holistic. Currently, LHS is a 1 to 1 iPad school with a robust Wi-Fi network. LHS believes flexible learning spaces will allow students to collaborate and engage in PBL on a larger scale. LHS is committed to the pedagogy of collaboration and PBL and has committed staff members to workshops and professional growth. LHS is developing a group of teachers to begin a STEM program. The educators in the STEM program are receiving professional development regarding hands on learning, collaboration and design challenge. The Fablab will allow students to collaborate and engage in an active fluid learning environment at LHS.

Name and Title: HSC, LLC

Grant Responsibilities: External Evaluation Company (Time Exp: 10%)

Statement of Passion/Qualifications and Relevant Experience: HSC is small business company that specializes in external evaluation of grants combining qualitative and quantitative data to inform granting organizations regarding fidelity and social impact. HSC has evaluated projects for the past 10 years from preK-16 workforce development to innovation grants. The HSC team brings experience in policy, anthropology, and data analytics to bear on all evaluations.