2017-18 TIP Grant Awards

The 2017-18 Technology Initiative Project (TIP) grant awards were selected by the TIP Awards Committee on Friday, December. Ten requests totaling $102,000 were received. Nine requests were awarded some portion of funding for a total of $72,000.

TIP grants are an annual funding provided by the Campus to fund academic initiatives that relate to instruction, student usage, improving student usage, and/or improving student learning through the use of technology. Priority is given to new and innovative or trial initiatives, which can possibly later expand on campus, although equipment replacement and expansion of existing equipment requests are also considered.

Principle Requestor	Units Represented	Award	Description
Pat Parimi	ADWISR, Physics & AGS	$15,700	This grant supports a collaboration between the Advanced Wireless Research Center (ADWISR), Physics and Atmospheric and Geological Sciences. The proposal builds upon the previous experience of ADWISR in developing novel wireless sensors, antenna and radar systems, strong experience of Physics in cosmology and, AGS in radiation physics and weather radars, and paves the way for innovative interdisciplinary curriculum. The curriculum development involves four courses offered in these disciplines which will teach students how to build and utilize equipment that studies the cosmic microwave background (CMB), which is background radiation leftover from the early stages of the Big Bang. AGS courses will use the equipment to train students in wireless radar and transmit and receive modulation design. The radar and signal propagation data will be used to determine precipitation of particles in the atmosphere, rain and fog droplet sizes.
Kathleen Blake	Anthropology	$3,000	This grant supports Anthropology receiving three laptop computers for use in the anthropology forensic and archaeology labs. The new equipment will allow students to integrate the newest computer applications for data collection and analysis. Among the primary uses will will be forensic analysis using Fordisc software, as well as Osteoware - software managed by the Smithsonian Museum of Natural History for recording human skeletal materials.
Cynthia Clabough & Jennifer Knapp	Art & Theater	$8,100	This grant supports a collaboration between Art and Theater to obtain a dye-sublimation printer to explore this technology and incorporate into the studio process being taught. The printer will reside and be shared from the Art department's "Maker Space". The printer will support several studio degrees offered by Art, such as graphic design, illustration, print making and ceramics. It will support several areas in Theater including costume and set design as well as being useful for theatrical productions.
Patrick Moochler	Communication Studies	$12,900	This grant supports Communication Studies acquiring a portable television broadcast system, giving students real world experience in broadcast journalism. Implementing the "Live U" system will allow for live reporting which will be used in the classroom as well as in news production. The platform enables professors and students a tool which can provide a wide range of live content, including events they otherwise may not have been able to cover, and those where a live feed is needed.

Serenity Sutherland	Communication Studies	$3,600	This grant supports the Communication Studies obtaining two virtual reality workstations for project-based student learning and cross-disciplinary faculty collaboration. The VR equipment will be be integrated into the curriculum of a variety of Communication Studies courses, including "Introduction to New Media" and "Integrated Media and Design".
Josh Adams	English and Creative Writing	$8,500	This grant supports the acquisition of new digital editing computers for the Cinema and Screen Studies Editing and Post Production lab. The addition of the latest digital tools to a space with analog devices provides students with a unique opportunity to engage critically with image mediums and processes. The skills developed from the tools will not only encourage thoughtful creativity, but prepare students for occupations in disciplines such as film archiving, preservation and restoration.
Patricia Krauss	Office of Learning Services	$2,100	This grant supports the use of technology to expand tutoring to the SUNY Oswego in Syracuse branch campus. Currently, tutoring is offered for a multitude of 100 and 200 level courses as well as several upper level courses at the professor's request. Adding equipment in MLSC, the Writing Center and Syracuse will allow the expansion of tutoring beyond the Oswego campus. If the one-year pilot is successful, it may be possible to expand the service to include SUNY Oswego online students as well.
Cara Thompson, Chris McEvoy & Keli DiRisio	Art - Studio & Graphics Design	$7,000	This grant supports the creation of a hybrid Maker Space for Art's studio and graphic design students. The funds will allow Art to acquire cutting edge technology to serve as an incubator for projects combining students from these areas. New technology will include "Draw Bots", iPad Pros for drawing, an HTC Vive unit allowing artists to create in a virtual 3-D space and projection mapping software and projectors for a Fall 2018 collaborative initiative.
Cole Sostak & Jennifer Knapp	Theater	$11,000	This grant supports the Theater department's move to a digital format to manage all productions. Ten iPads along with theater-industry software will be purchased to allow Stage managers, Directors, Choreographers, Designers and Technicians to communicate instantly, make adjustments in moments, save reams of paper and time. The applications "Stage Write" and "Production Pro" will be acquired and implemented to ensure students have access to state of the art technology.