

GRANT BUSTERS

There's nothing quite like the dreaded task of writing a grant proposal that turns even the most organized person into a procrastinator. Thanks to the new Research Support Team — a grant-support group at the College of Education — the sting has been removed from the process.

Lisa Gentry, our new assistant dean of finance and administration who directs the college's finance, human resources, information technology, and facilities functions, oversees the team. "Our goal is to make the submission process as painless as possible for the principal investigator so he or she has more time to devote to writing the narrative sections rather than worrying about each sponsor's regulations for preparation," Gentry says.

The team handles all administrative details of proposal development, and each team member has an area of expertise (see sidebar). Thanks to the new process, grant funding is on the rise, and the sighs of relief can be heard throughout the college.

Here's a breakdown of some of our recently funded projects:

DEAN'S OFFICE

First Things First External Evaluation

Sponsor: Early Childhood Health and Development
\$27,000,000
 See story on page 12.

Toward Holistic Admissions: What Do Gold Humanitarian Honor Society Members Have That Admissions Committees Should Want

Sponsor: The Arnold P. Gold Foundation
\$15,000
 ANA MARIA LOPEZ AND JEFFREY F. MILEM
 Assesses the development of humanistic attributes, such as integrity, excellence, compassion, service, and empathy, in Gold Humanitarian Honor Society members. Acknowledging that

students enter medical school with some of these attributes, we have identified supporting pivotal experiences and behaviors prior to medical-school admission and developed a framework for informing admissions and curriculum at medical schools.

DISABILITY AND PSYCHOEDUCATIONAL STUDIES

Autism Spectrum Specialist Tuition-Scholarship Support Grant

Sponsor: Arizona Department of Education
\$46,515
 STEPHANIE MACFARLAND
 Offers tuition assistance to students pursuing coursework and

certification in autism-spectrum disorders. Three university-level undergraduate and graduate Web-based courses on autism-spectrum disorders are offered every semester, with all courses delivered online.

Continuing Education Program for AzRSA and Community Partners

Sponsor: San Diego State University Foundation
\$75,000
 AMOS SALES
 Fosters competitive employment outcomes through quality rehabilitation services for those with disabilities.

Southwest Preparation of Teachers of Visually Impaired Learners, with Enrichment in Early

Childhood Education and Assistive Technology

Sponsor: U.S. Department of Education
\$798,225
 JANE ERIN
 Addresses thorough preservice preparation of teachers of visually impaired students in Arizona and Nevada and supplements the state-funded orientation and mobility program by supporting four out-of-state specialists during the four-year program.

Preparing Faculty in the Area of Emotional and Behavioral Disorders

Sponsor: U.S. Department of Education
\$645,460
 CARL LIAUPSIN AND JOHN UMBREIT
 Graduates four students with a doctoral degree in

special education who demonstrate knowledge of evidence-based practice of emotional and behavioral disorders and other areas of special education.

Interpreter Professional Development

Sponsor: Arizona Commission for the Deaf and Hard of Hearing
\$39,081
 CINDY VOLK
 An interagency service agreement with the Arizona Commission for the Deaf and Hard of Hearing to ensure quality interpreter training in partnership with universities and colleges to develop training programs.

Long-Term Training Project: Rehabilitation

Counseling — Master's Degree

Sponsor: U.S. Department of Education
\$749,978
 AMOS SALES
 Offers quality preservice rehabilitation education to AzRSA counselors and provides an accredited rehabilitation counseling master's degree. The off-campus program allows employed rehabilitation counselors to pursue the master's degree on a full-time basis.

Long-Term Training Project: Rehabilitation Counseling — Doctoral Degree

Sponsor: U.S. Department of Education
\$749,937
 AMOS SALES
 Increases the supply of specialized doctoral-level

RESEARCH SUPPORT TEAM



KATHY BAYHAM
 Document preparation and submission



LISA GENTRY
 Budget and policy review; support for budget justifications



JEFFREY F. MILEM
 Content review and support for narratives



PAT ROBINSON
 Budget building and revision



SALLY SHOWALTER
 Funding opportunity research

rehabilitation counselor educators available for employment in academic settings and other public agencies.

Continuing Education Program for Arizona State Rehabilitation Services Administration and Community Partners
Sponsor: San Diego State University Foundation
\$75,000

AMOS SALES
Improves quality assurance, uses program data for program improvement, and ensures effective personnel development directly linked to respective state vocational rehabilitation agencies, tribal rehabilitation programs, and their partners.

AZ RSA-IGA Rehabilitation Training
Sponsor: Arizona Rehabilitation Services Administration
\$326,259

AMOS SALES
Provides faculty and administrative financial support necessary to deliver master's-level coursework in rehabilitation counseling to Rehabilitation Services Administration counselors.

Positive Behavioral Intervention and Supports of Arizona
Sponsor: Arizona Department of Education
\$81,000

JOHN UMBREIT
Helps schools use positive discipline methods to improve behavioral and educational outcomes.

Glucose Regulation and Sleep Architecture in Pediatric Type 1 Diabetes
Sponsor: UA Faculty Grant
\$9,931

MICHELLE PERFECT
Provides pilot data on a subgroup of participants

being recruited for a larger study using polysomnography, the gold-standard in sleep research, to examine sleep disturbances in diabetic youth ages 10 through 16.

Juvenile Detention Psychoeducational Services Project
Sponsor: Office of the Pima County School Superintendent
\$23,500
RICHARD MORRIS
Supports two school-psychology graduate students providing psychoeducational assessment and consultation services to juvenile delinquents at the Pima County Juvenile Court Center in Tucson.

EDUCATIONAL POLICY STUDIES AND PRACTICE Expanding Educational Leadership for Southern Arizona
Sponsor: Helios Education Foundation
\$47,000

KRIS BOSWORTH
Adds hybrid-online learning modules to enable students who already have completed a master's degree to enroll in the required courses for principal certification. A large proportion of these new students are expected to come from rural areas without access to the usual face-to-face principal preparation.

Whatever Happened to the Faculty — Knowledge Transfer and the Academic Workforce in the U.S.
Sponsor: National Science Foundation
\$244,929

GARY RHOADES, JENNY LEE, CECILIA RIOS-AGUILAR, REGINA DEIL-AMEN
Addresses higher-education's role in knowledge transfer. The U.S. project explores

the extent and ways faculty members are featured in public policy as intellectual capital, as key players in educating students (human capital), and in knowledge-transfer generally.

CPSA YES+ Initiatives
Sponsor: Community Partnership of Southern Arizona
\$25,000
KRIS BOSWORTH
A partnership between the Community Partnership of Southern Arizona-La Frontera Center and UA LINKS to enhance the impact of YES in high schools by implementing positive behavioral interventions and supports.

Mexico-U.S. Student Mobility
Sponsor: Comexus
\$10,000
ALMA MALDONADO-MALDONADO
Provides analytical resources to understand student mobility between Mexico and the U.S. and policy recommendations and guidelines to help both countries take advantage of their proximity and common interests.

EDUCATIONAL PSYCHOLOGY Assessing Instructional Quality in Mathematics: A Comparative Study of High- and Low-Value-Added Teachers' Videotaped Lessons
Sponsor: National Science Foundation
\$1,092,794

NICOLE KERSTING
Develops assessments of teaching quality, integrated in curricula of teacher-preparation programs, and serves as blueprints for designing professional-development activities. In addition, this study will collect videos of mathematics classroom

instruction that will be used for secondary analyses by other researchers.

Capturing Teacher Knowledge (TeKno)
Sponsor: U.S. Department of Education
\$926,909

NICOLE KERSTING
Uses authentic video clips of classroom instruction as item-prompts to elicit teachers' usable knowledge of teaching. Teachers are asked to interpret the classroom events shown in the online video clips.

TEACHING, LEARNING, AND SOCIOCULTURAL STUDIES

Cooperative Association of States for Scholarships: Mexican Indigenous Teachers Program
Sponsor: Georgetown University CIED
\$291,600
NORMA GONZÁLEZ AND RICHARD RUIZ
Provides professional development and training for a cohort of 19 teachers from Mexico. Participants will master new methodologies for teaching literacy, numeracy, environmental sciences (natural resources and conservation), and critical thinking.

TLS Reading Endorsement Courses Online
Sponsor: Arizona Board of Regents
\$227,214
J. DAVID BETTS
Meets the academic-preparation needs of Arizona teachers who want to earn the Arizona Department of Education K-12 endorsement in reading. The endorsement qualifies teachers for positions such as reading-literacy specialist,

reading-literacy coach, and reading-literacy interventionist. TLS developed the online delivery system for rural teachers.

AILDI Sub-Native American Student Affairs Service Center Support
Sponsor: Ak-Chin Indian Community
\$10,000

CANDACE GALLA
Assists in the partial funding related to the American Indian Language Development Institute's first annual benefit dinner and helps raise funds for AILDI participants and the celebration of AILDI's 30-year anniversary.

Scholarships for Education and Economic Development: Mexican Indigenous Teachers Program
Sponsor: Georgetown University CIED
\$365,400

NORMA GONZÁLEZ AND RICHARD RUIZ
Provides professional development and training for a cohort of 19 teachers from Mexico. Participants will master new methodologies for teaching literacy, numeracy, environmental sciences (natural resources and conservation), and critical thinking.

An Evaluation of the KIDCO Program
Sponsor: City of Tucson Parks and Recreation Department
\$10,000
LUIS C. MOLL AND ANA CHRISTINA IDDINGS
Evaluates the KIDCO afterschool recreation activity program in Tucson. The program creates an environment in which children can grow to the best of their abilities and tap their creativity and strengths.

Western Hemisphere Institute
Sponsor: Institute for Training and Development
\$396,768
See story on page 3.

Teacher Preparation and Retention Data Collaboration (T-Prep)
Sponsor: Arizona State University
\$36,000
WALTER DOYLE
Assesses the effectiveness of teachers produced by ASU, NAU, and UA — in conjunction with school, state, and business partners — and includes a reliable, valid measure of teachers' effects on student academic growth.

Southern Arizona Center for the Development and Retention of Science and Mathematics Teachers
Sponsor: Science Foundation Arizona
\$250,000
BRUCE JOHNSON, RONALD W. MARX, ERIN TURNER, MARCY WOOD, KRISTIN GUNCKEL, BILL MCCALLUM
Retains secondary science and mathematics teachers in Southern Arizona and includes education courses held each summer to help the teachers translate their internship experiences into their classrooms.

Community of Practice — Development of an Early Childhood Education Master's Program
Sponsor: United Way
\$49,643
DONNA JURICH
Assists in the development and dissemination of an early childhood education survey of the greater-Tucson area, reviews the survey responses, and proposes a program of study and possible delivery methods for an ECE master's degree program at the UA.