



UNIVERSITY OF  
OREGON

College of Education



# RESEARCH DRIVING CHANGE

SPONSORED PROJECT FUNDING, FISCAL YEAR 2020



**\$48.82M**

IN AWARDS, FY20



**\$513,940**

AVERAGE ANNUAL AWARD



**47**

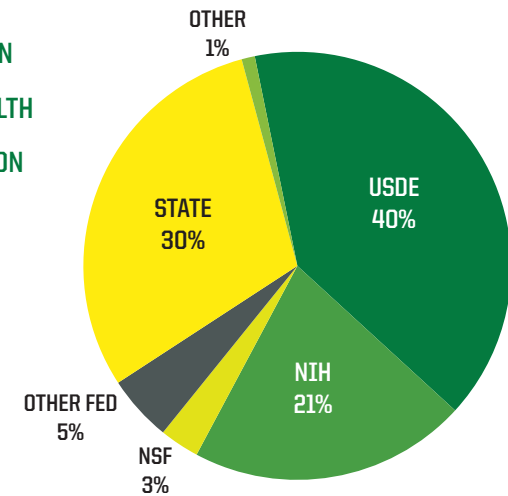
PRINCIPAL  
INVESTIGATORS



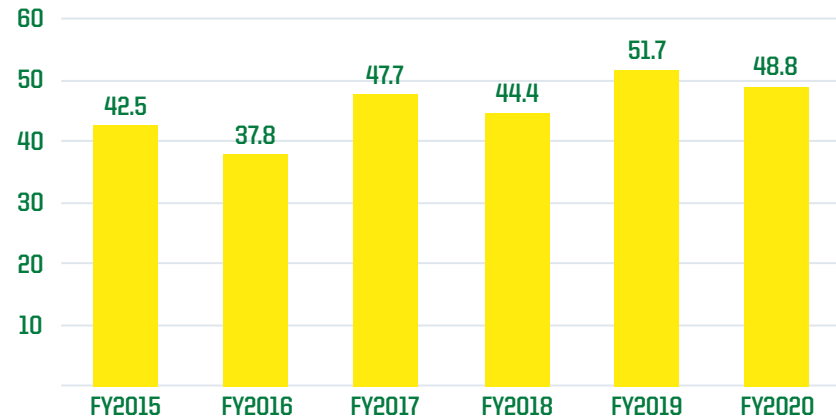
**89**

ACTIVE AWARDS

US DEPARTMENT OF EDUCATION  
NATIONAL INSTITUTES OF HEALTH  
NATIONAL SCIENCE FOUNDATION  
OTHER FEDERAL  
STATE GOVERNMENT  
OTHER



FISCAL YEAR 2020 NEW AWARDS, BY SPONSOR



AWARDS BY FISCAL YEAR, IN MILLIONS



## LESLIE LEVE

### IMPROVING CHILDREN'S LIVES

With a grant from the National Institutes of Health, Leslie Leve, PhD, is leading the way in studying obesity in children. Comparing information from siblings who were either adopted at birth or were raised by their birth families, Leve is working to identify factors that impact child health and well-being, such as social relationships, biological factors, and chemical exposures. To do this, they are collecting health assessments such as weight and blood pressure, and biological data such as hair samples and saliva samples. They are also asking children and their parents about the child's behavior, relationships, and psychological stressors. This holistic approach allows the team to identify factors overlooked by previous studies.

Leve and her team have been working closely with a group of 1,000 families, conducting home visits at ages 7, 11, and 15 years. With the restrictions imposed to stop the spread of COVID-19 starting in March, Leve and her team have transitioned to web, telephone, and mail assessments. Data from Leve's study will be combined with approximately 30 other pediatric cohorts, creating a wide-ranging sample of data from over 50,000 children. The analyses that this study makes possible will lead to improved guidance for future prevention efforts aimed at promoting children's healthy development by maximizing protective factors and minimizing risk factors.





## LILLIAN DURÁN

### INCLUSIVE LANGUAGE ASSESSMENTS

Early language assessments are key to creating better outcomes for children who may need instructional supports to improve school readiness and literacy. Yet over the years, these assessments have often left Spanish-speaking children behind. Lillian Durán, PhD, is using a grant from the US Department of Education to develop Spanish language tools that assess children ages 3-5 years old, when early intervention is most crucial. Employing cutting-edge measurement methods (Rasch Modeling), Durán is applying a strengths-based approach that honors the children's home language and culture. Understanding the practical needs of early childhood educators, Durán is focusing her efforts on delivering a technology platform and interface that is easy to use, efficient, and responsive.

Spanish-speaking Latinx children are one of the largest and most rapidly growing student populations in the United States. This project will also include children from Puerto Rico who are often left out of research projects even while there is a critical need for high quality educational assessment tools in Spanish that are reflective both of the Spanish spoken and culture on the island. Developing solutions that improve the likelihood that these children will be academically successful and viewed as a priority is an urgent need. Durán states, "We have simply become too accustomed as a society to extreme inequities in educational outcomes and have not embraced our responsibility to change these academic trajectories." Durán's assessment tool will impact best practices nationwide, and has the potential to inform policy around assessing children in Spanish or their home language.



## JOANNA GOODE

### EQUITY IN COMPUTER SCIENCE

Historically, computer science hasn't been accessible to students marginalized by race, gender, poverty, or their local school districts' lack of resources. Joanna Goode, PhD, is using a multi-year grant from the National Science Foundation to change that fact, working with teachers nationwide to develop coursework that is culturally relevant and inclusive. The grant-funded project focuses on Goode's course "Exploring Computer Science," providing teachers with tools to implement equity-based computer science instruction in their classrooms. Collaborating with national and regional partners, Goode is cultivating teacher leadership to sustain the program, while providing curricular materials that engage with students by connecting their own cultural legacies and relevant social issues to coursework. Exploring Computer Science is now available in 26 states and Puerto Rico, where the curriculum has been translated into Spanish.

Goode and her team had been offering online workshops and studying the efficacy of online learning for three years, which smoothed the transition to fully remote classrooms required by COVID-19. Three hundred and sixteen teachers nationwide were able to participate in the weeklong summer institute workshops this year, which modeled effective remote learning strategies for teachers who attended.

Behavioral Research and Teaching (BRT)		AWARDS TOTAL: \$1,130,971
AWARD TITLE	AGENCY NAME	P.I.
A Comprehensive Measure of Reading Fluency: Uniting and Scaling Accuracy, Rate, and Prosody	U.S. Department of Education	Joseph Nese
Oregon Extended Assessment	Oregon Department of Education	Gerald Tindal
Pennsylvania Alternate System Of Assessment (PASA)	Pennsylvania Department of Education	Gerald Tindal

Center for Equity Promotion (CEQP)		AWARDS TOTAL: \$1,338,406
AWARD TITLE	AGENCY NAME	P.I.
Curriculum Development and Dissemination: Honoring the Shared History of the Trail	U.S. Department of Interior	Stephanie Wood
ESCOLAR (Etext Supports for Collaborative Online Learning and Academic Reading) Science Units for Upper Elementary School	U.S. Department of Education	Fatima Terrazas Arellanes
Project SOARS: Student Ownership, Accountability, and Responsibility for School Safety	U.S. Department of Justice	Claudia Vincent
Responsible Fatherhood Opportunities for Reentry and Mobility (REFORM)	State of Washington Department of Corrections	Jean Kjellstrand
Rural Opportunities Initiative	Business Oregon	Heather McClure

Center on Human Development (CHD)		AWARDS TOTAL: \$2,811,592
AWARD TITLE	AGENCY NAME	P.I.
3/4 Adapting Treatments for Suicidal College Students: A Multisite Trial	National Institutes of Health	John Seeley

## Center on Human Development (CHD)

CONTINUED FROM PAGE 6

AWARD TITLE	AGENCY NAME	P.I.
Addressing Opioid and Other Substance Misuse on Oregon College and University Campuses	U.S. Department of Health and Human Services	John Seeley
Next Generation of AI/AN (American Indian/Alaskan Native) Focused Scholars in Special Education	U.S. Department of Education	Christopher Murray
Paths 2 The Future for All	U.S. Department of Education	John Lind
Paths 2 The Future for Girls	U.S. Department of Education	Leslie Leve
University Centers for Excellence in Developmental Disabilities	U.S. Department of Health and Human Services	Christopher Murray
University Centers for Excellence in Developmental Disabilities - Supplemental	U.S. Department of Health and Human Services	Christopher Murray
Youth Suicide Prevention	Oregon Health Authority	John Seeley
Youth Suicide Prevention - Supplemental	Oregon Health Authority	John Seeley

## Center for the Prevention of Abuse and Neglect (CPAN)

AWARDS TOTAL: \$173,000

AWARD TITLE	AGENCY NAME	P.I.
Oregon Child Abuse Prevalence Statewide Study (OCAPS)	The Ford Family Foundation	Jeffrey Todahl
Stewards of Children 2.0	The Ford Family Foundation	Jeffrey Todahl



# Center on Teaching and Learning (CTL)

AWARDS TOTAL: \$6,987,187

AWARD TITLE	AGENCY NAME	P.I.
Alaska's American Indian and Alaska Native English Learner Students	U.S. Department of Education	Ilana Umansky
Center on Improving Literacy through Supporting Elementary School Leaders (CISEL)	U.S. Department of Education	Francis Fien
Colorado Dyslexia Pilot Program	State of Colorado	Nancy Nelson
Comprehensive Centers Program: National Comprehensive Center on Improving Literacy for Students with Disabilities	U.S. Department of Education	Francis Fien
Evaluation of the KinderTEK iPad Math Program (KTEK)	U.S. Department of Education	Mari Cary
Examining English Learners Cross-Linguistic Writing Development Using Brief Repeated Measures of Written Expression	National Institutes of Health	Sylvia Thompson
Expanding Early Language and Literacy Spanish Individual Growth and Development Indicators to Monitor Progress: PM-S-IGDIS	U.S. Department of Education	Lillian Duran
Florida Center for Reading Research (FCRR) Learning Disability Research Center (LDRC)	National Institutes of Health	Patrick Kennedy
Mapping Non-Response to Math Interventions	National Science Foundation	Benjamin Clarke
Multiple-Choice Online Causal Comprehension Assessment for Adults: Measuring Individual Differences in Reading Comprehension Ability of Struggling Adult Learners by Text Type	U.S. Department of Education	Patrick Kennedy
Multi-Tiered Systems of Supports	U.S. Department of Education	Nancy Nelson
Reach Every Reader Assessment	Chan Zuckerberg Initiative	Nancy Nelson
Roots Replication: a Systematic Replication of a Tier 2 Kindergarten Mathematics Intervention	U.S. Department of Education	Benjamin Clarke



## Center on Teaching and Learning (CTL)

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AWARD TITLE	AGENCY NAME	P.I.
The Numbershine Integrated Tutor System: Supporting Schools to Scale Up Evidence-Based Education Technology to Improve Math Outcomes for Students with Disabilities	U.S. Department of Education	Caroline Shanley

## Early Childhood Cares (EC CARES)

AWARDS TOTAL: \$13,398,664

AWARD TITLE	AGENCY NAME	P.I.
Early Intervention/Early Childhood Special Education Services	Oregon Department of Education	Judith Newman
Early Intervention/Early Childhood Special Education Services ECPBIS	Oregon Department of Education	Judith Newman
ecWeb Data System for Oregon EI/ECSE Programs	U.S. Department of Education	Judith Newman
Head Start Reimbursement for Early Childhood CARES Services	U.S. Department of Health and Human Services	Judith Newman

## Educational and Community Supports (ECS)

AWARDS TOTAL: \$8,585,155

AWARD TITLE	AGENCY NAME	P.I.
Acceptability of Behavioral Treatment for Challenging Behavior among Chinese Parents	Organization for Autism Research	Qi Wei
Adaptation of an Effective Tier II Behavior Intervention for Students in Secondary Schools	U.S. Department of Education	Brigid Flannery
An Investigation of Direct Instruction Spoken English for At-Risk English Learners	U.S. Department of Education	Erin Chaparro

## Educational and Community Supports (ECS)

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AWARD TITLE	AGENCY NAME	P.I.
Identifying Factors Predicting Implementation and Sustainability of Tier 2 and 3 Behavior Support Systems	U.S. Department of Education	Kent McIntosh
Improving the Accessibility of Design Comparable Effect Size Metrics for Single Case Research	U.S. Department of Education	Wendy Machalicek
Innovative Leadership Education Advancing Diversity (I LEAD)	U.S. Department of Education	Lillian Duran
Multi-Tiered Systems of Supports Research Network	U.S. Department of Education	Robert Horner
Project CO-LEAD: Leaders in Evidence-Based Practices, Autism Spectrum Disorder, and Diversity	U.S. Department of Education	Wendy Machalicek
Project HEART: Heightened Excellence in Autism Research and Training	U.S. Department of Education	Wendy Machalicek
Right Turn Career-Focused Transition Initiative	U.S. Department of Labor	Curtis Fuhrman
Sibling Techniques for Enhancing Play and Support (STEPS) for a Sibling Bond for Children with ASD	Organization for Autism Research	Lindsay Glugatch
Technical Assistance Center on Positive Behavioral Interventions and Supports V	U.S. Department of Education	Kent McIntosh
TIPS EdTECH: Developing Professional Development and Online Applications to Support Team-Initiated Problem Solving (TIPS) and Multi-Tiered Support Systems	U.S. Department of Education	Erin Chaparro
Training Institute in Advanced Single-Case Research Design and Analysis	U.S. Department of Education	Wendy Machalicek
Youth Violence Prevention Interventions that Incorporate Racism/Discrimination Prevention	National Institutes of Health	Kent McIntosh

## Early Intervention Program (EIP)

AWARDS TOTAL: **\$558,046**

AWARD TITLE	AGENCY NAME	P.I.
INICIO: Interdisciplinary Interventionists and Clinicians Improving Outcomes	U.S. Department of Education	Lillian Duran
Oregon Screening Project	Oregon Department of Education	Jane Squires
PANGEA: Preparing a New Generation of Early Autism Educators	U.S. Department of Education	Stephanie Shire

## Oregon Education Science Laboratory (OESL)

AWARDS TOTAL: **\$884,198**

AWARD TITLE	AGENCY NAME	P.I.
Collaborative Research: Researching Equity, Access, and Learning in CS Education (REAL-CS): Scaling and Sustainability in High School Computer Science	National Science Foundation	Joanna Goode
Into The Loop - Supplement	National Science Foundation	Joanna Goode
The University of Oregon Sapsik'walá (Teacher) Education Project: an Indigenous Professional Teacher Preparation Program	U.S. Department of Education	Michelle Jacob

## Prevention Science Institute (PSI)

AWARDS TOTAL: **\$10,856,774**

AWARD TITLE	AGENCY NAME	P.I.
An Adoption Study of the Development of Early Substance Use: The Joint Roles of Genetic Influences, Prenatal Risk, Rearing Environment, and Pubertal Maturation	National Institutes of Health	Leslie Leve
An Exercise Intervention to Improve the Eating Patterns of Preadolescent Children at High Risk for Obesity	National Institutes of Health	Nichole Kelly
Building a Vocabulary: Lexical-Semantic Development in Latino Children with Early Language Delay	National Institutes of Health	Stephanie De Anda

# Prevention Science Institute (PSI)

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AWARD TITLE	AGENCY NAME	P.I.
Children's Social and Academic Competence: Integrating Genetically Informed and Prevention Research	National Institutes of Health	Amanda Griffin
Determined to Succeed? Maturation, Motivation and Gender Gaps in Educational Achievement	Research Council of Norway	Atika Khurana
Enhancing Parenting Skills: Application of a Web-Based, Three-Tiered Model	U.S. Department of Health and Human Services	Laura McIntyre
Estimating Comparative Effectiveness of Alcohol Interventions for Young Adults	National Institutes of Health	Emily Tanner-Smith
Family-Centered Intervention in Schools to Reduce Social and Behavioral Problems from Early Elementary School to Adolescence	U.S. Department of Education	Elizabeth Stormshak
Implementing a Brief Mindfulness-Based Group Intervention to Reduce Harmful Drinking and Promote Well-Being among College Students	Pacific Coast College Health Association	Jessica Cronce
LIFT: Leveraging Autism Intervention for Families through Telehealth	U.S. Department of Education	Stephanie Shire
Long-Term Effects of the Family Check-Up on Depression and Suicide across Trials and Development	National Institutes of Health	Elizabeth Stormshak
Nashville Longitudinal Study of Youth Safety and Well-Being	U.S. Department of Justice	Emily Tanner-Smith
Personalized Mobile App: Challenging Alcohol Expectancies to Reduce High-Risk Drinking and Consequences	National Institutes of Health	Jessica Cronce
Personalized, Responsive Intervention Sequences for Minimally Verbal Children With Autism (PRISM)	National Institutes of Health	Stephanie Shire
Prevention Research Center: Parenting among Women who are Opioid Users	National Institutes of Health	Leslie Leve



## Prevention Science Institute (PSI)

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AWARD TITLE	AGENCY NAME	P.I.
Project STRONG: a Web-Based Dating Violence Prevention Program for Parents and Middle School Boys	National Institutes of Health	Wendy Hadley
Social Norms and Skills Training: Motivating Campus Change	National Institutes of Health	Jessica Cronce
Supplement to Prevention Research Center: Parenting among Women who are Opioid Users, Project 2	National Institutes of Health	Elizabeth Stormshak
Testing the Efficacy of Mindfulness-Based Stress Reduction Combined with Behavioral Parent Training in Families with Preschoolers with Developmental Delay	National Institutes of Health	Laura McIntyre
The Early Growth and Development Study Pediatric Cohort	National Institutes of Health	Leslie Leve
Trauma-Informed Mental Health in Education: a Mindfulness-Based Curriculum (TIMEIN)	National Institutes of Health	Nichole Kelly

## Secondary Special Education and Transition Program (SSET)

AWARDS TOTAL: \$2,100,311

AWARD TITLE	AGENCY NAME	P.I.
Highly-Qualified Interventionists with Transition Evidence-Based Knowledge and Skills (HI-TEKS)	U.S. Department of Education	Elizabeth Harn
National Technical Assistance Center on Increasing Graduation and Improving Transition to Postsecondary Education and Careers for Students with Disabilities	U.S. Department of Education	Deanne Unruh
Oregon Youth Transition Program	Oregon Department of Human Services	Charlotte Alverson
Project B-JUST: Brain Injury and Juvenile Services Training: Empirically Defining Training Needs and Competencies for Juvenile Services Personnel for Young Offenders with TBI	U.S. Department of Health and Human Services	Deanne Unruh

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