



Annual Report and Financial Summary: 2017

Introduction: TABERC was founded in 2009 in Tulsa, Oklahoma. The mission of TABERC is “to develop bioscience research in Tulsa through multidisciplinary and collaborative approaches to undergraduate and graduate education and technical training. To position Tulsa and surrounding area to be a leader in bioscience education, training, research, and innovation by utilizing assets of all area institutions of higher education.” TABERC is currently comprised of eight Tulsa area institutes of higher education: Northeastern State University, Oklahoma State University – Center for Health Sciences, Oral Roberts University, Rogers State University, Tulsa Community College, Tulsa Technology Center, The University of Oklahoma –Tulsa, and The University of Tulsa. The TABERC executive board includes at least one faculty member from each of the institutional partners. As of 2011, TABERC has a donor designated fund managed by the Tulsa Community Foundation.

2017 Accomplishments:

TABERC sponsored a Summer Internship Program that included the placement of 5 undergraduate students from member institutes into local bioscience labs for a 137 hour internship.

2017 Financial Summary Statement:

Annual membership dues for 2017 totaled **\$6,500.00**. The Tulsa Community College Foundation provided **\$3000.00** in support of internships. The Oklahoma Society of Physiologists (Al Rouch) donated **300.00** to provide presentation awards to the 5 interns. Total TABERC costs for the student internships was **\$7,727.45**.

2017 TABERC Student Internship Recap

Student Name	Institute	Mentor/Host Institute
Jonathan Gaikwad	ORU	Dr. Joel Gaikwad/ORU
Faiz Safdar	TCC	Dr. Randall Davis/OSU-CHS
Christy Eslinger	TCC	Dr. Subhas Das/OSU-CHS
Tyler Noble	NSU	Dr. Sapna Das-Bradoo/NSU
Stephanie Sandoval	TCC	Dr. Kath Curtis/OSU-CHS

I. Orientation – OU-Tulsa –Dr. Julie Marino

II. Lab Experience

Student interns were expected to work in their host labs a total of 137 hours (7.25 minimum wage) - \$1000 stipend plus \$500 In reagent funds for each host lab

III. TABERC Summer Intern Presentation on Scientific Presentations- OU-Tulsa –Dr. Julie Marino

IV. TABERC Final Presentations – Friday July 28th, A.R. & MaryLouise Tandy Building – Oklahoma State University Center for Health Sciences. The presentations were part of a joint meeting of the Oklahoma Society of Physiologists, and the Tulsa Chapter of the Society for Neuroscience.

Effects of BFNA on Inflammatory Expression in Mouse Microglia
Faiz Safdar, F.Barksdale, D.Buck, K.McCracken, and R.L. Davis

Curcumin Induced Cell Death in Human Breast Cancer Cell Line (MDA-MB-231)
Jonathan Gaikwad and J. Gaikwad

Elucidating the Function of Cancer-related Genes by Mutational Analysis
Tyler Noble, C. Eddington, and S. Das-Bradoo

Modulation of NGF Expression in TNBS-induced Colitis in Rat Colony
Christy Eslinger, K.E. Miller, S. Das

GFAP-Immunolabeling in the Hindbrains of Ovariectomized Rats: Effects of Estrogen Treatment and Sodium Deficient Diet.
Stephanie D. Sandoval, S.L. Core, and K.S. Curtis