



Annual Report and Financial Summary: 2013

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 nine Tulsa area institutes of higher education: Langston University- Tulsa, Northeastern State University, Oklahoma State University – Tulsa, 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 advised fund managed by the Tulsa Community Foundation.

2013 Significant Accomplishments:

- TABERC sponsored a Summer Internship Program that included an introductory course in laboratory science at Tulsa Community College and the placement of 5 students into local bioscience labs. See Appendix, page.
- First high school student accepted into the summer internship program.
- TABERC profiled in I2E and NewsOK publications “BIO Matters: It’s Share and Share Alike for Tulsa for Tulsa Biotech Consortium Members”
<http://www.i2e.org/news/share-and-share-alike-for-tulsa-consortium/>

2013 Financial Summary Statement

- Annual dues from the member institutes, reagent funding from OSU-CHS as well as a generous donation in 2012 by Tulsa Community College Foundation allowed TABERC to sponsor the 2013 Summer Internship Program. Direct donations and dues for 2013 totaled \$6526.30 and “in kind” donations totaled over \$6000. Total TABERC costs for the student internships was \$6210.83

2013 TABERC Student Internship Recap

Student Name	Institute	Mentor/Host Institute
Justin Kruse	RSU	Dr. Randy Wymore/OSU-CHS
Annie Gilliam	TTC	Dr. Tom Curtis/OSU-CHS
Mylissa Stover	TCC	Dr. Gerald Kohler/OSU-CHS
Andrew Brown	TCC	Dr. Kath Curtis/OSU-CHS
Aidan Huene	ORU	Dr. Nedra Wilson/OSU-CHS

I. Orientation – Monday, May 20th – OU-Tulsa

II. TCC Selected Topics in Biotechnology – Lab Sprints – BIOT2991 – Dr. Diana Spencer – 6/3-6/6/2013

III. Lab Experience

- A. All students were expected to work in their host labs a total of 137 hours (7.25 minimum wage) - \$1000 stipend
- B. The OSU-CHS generously paid the \$500.00 regent allowance for each of the interns at OSU

IV. TABERC Summer Intern Meeting – Tuesday, June 18th - OU-Tulsa

V. TABERC Final Presentations – Thursday, July 25th, TCC-Southeast Campus

A. Student Talks

Justin Kruse (RSU) Mentor: Randy Wymore, Ph.D. (OSU-CHS)

The Molecular & Microbial Investigation of Possible Spirochaetal Infection as Causative Agent of Morgellons Disease

Mylissa Stover (TCC) Mentor: Gerwald Koehler, Ph.D. (OSU-CHS)

Determining potential benefits of probiotics in voles by comparing human and vole strains of Lactobacillus johnsoni

Annie Gilliam (TTC) Mentor: Tom Curtis, Ph.D. (OSU-CHS)

Does Social Isolation Affect Affiliative Responses by Conspecifics?

Andrew Brown (TCC) Mentor: Kath Curtis, Ph.D. (OSU-CHS)

The Effects of Estradiol on Neural Activation Stimulated by Food Intake in Ovariectomized Female Rats on a Restricted Feeding Schedule

