

**SCAMeL Speedy Startup 2019**  
**Content Analysis: Technology-based Substance Use Disorder Tools and Resources**  
**Amy Faltinek**  
**Senior Director, Technical Services**  
**Texas Tech University Health Sciences Center**

**Project description**

This research project is a content analysis of the existing literature containing information about technology-based interventions for substance use disorders, not including tobacco. It will require the research team to develop a coding system that reviewers can use to extract data from the articles. A content analysis of the literature will summarize what kind of technology is being used and how it is being used. We plan to publish the results of this study.

**Importance**

With increased Internet usage in the United States, technology-based treatment is becoming more common, including treatment for substance use disorders. Some general benefits of technology-based treatment for substance use disorders already determined are: greater and easier access to treatment, increased access to therapeutic materials, enhanced learning of therapeutic information and coping skills, facilitated monitoring of target behavior, improved integrity and fidelity of treatment delivery of evidence-based treatment, easier and more rapid dissemination of evidence-based treatments, reduced cost and increased efficiency of treatment delivery in clinic settings, prompt use of therapeutic skills between clinic visits and post-treatment, increased access to social support, enhanced motivation, personalized interventions, and increased patient responsibility. Also, the use of technology has the potential to greatly increase the amount of and the kind of data that researchers can collect and analyze, deepening the understanding of addiction behavior. This research may reduce barriers to technology use by highlighting evidence based practices (EBP). It may also aid in U. S. Food and Drug Administration (FDA) approval, of which there is currently only one FDA approved app for treating substance use disorders, and insurance coverage. Although a preliminary literature search shows systematic reviews, there is only one content analysis and it focuses on alcohol use only. Our study will differ from these in breadth and in depth, improving on earlier work.

**Institution/Team**

The institution involved is Texas Tech University Health Sciences Center. The following is a list of TTUHSC employees and their roles:

Tom McGovern, EdD, - Project director

Founding director of the TTUHSC Center for Ethics, Humanities and Spirituality; Emeritus Professor in the Center; Editor-in-Chief, Alcoholism Treatment Quarterly

Zach Sneed, PhD, CRC, LCDC - Project manager/reviewer/author

Director, TTUHSC Master of Science in Addiction Counseling Program; Assistant Professor, TTUHSC Clinical Counseling and Mental Health; Editorial board member, Alcoholism Treatment Quarterly

Amy Faltinek, MLS, CAS, AHIP - Project leader/reviewer/author

Senior Director, Technical Services/Librarian; Editorial board member, Alcoholism Treatment Quarterly

Regina Baronia, MD - Project leader/reviewer/author  
Research Associate, TTUHSC Psychiatry Department; Editor, Alcoholism Treatment Quarterly

Peggy Edwards, AMLS – Searcher/author  
Unit Manager, Public Services/Librarian

Susan Bergeson, PhD - Reviewer/author  
Associate Dean, TTUHSC Graduate School of Biomedical Sciences; Associate Professor, TTUHSC  
Pharmacology and Neuroscience; Editor-in-Chief, Alcoholism Treatment Quarterly


Jessica Nelson, MD - Reviewer/author  
Medical Director, Covenant Behavioral Health Unit, Covenant Children’s Hospital; Residency  
Program Director, TTUHSC Department of Psychiatry; Assistant Professor, TTUHSC Department  
of Psychiatry; Interim Program Director, TTUHSC Department of Psychiatry; Assistant Program  
Director, TTUHSC Department of Psychiatry; Editorial board member, Alcoholism Treatment  
Quarterly

### Timeline

The timeline for this project is 12 months. Much like Cochrane’s estimated timeline for a systematic review, the content analysis will follow this timeline:

Month	Activity
1 - 2	Preparation of protocol
3 - 8	Searches for published studies
2 - 3	Pilot test of eligibility criteria
3 - 8	Inclusion assessments
3	Pilot test of ‘Risk of bias’ assessment
3 - 10	Validity assessments
3	Pilot test of data collection
3 - 10	Data collection
3 - 10	Data entry
5 - 11	Follow up of missing information
8 - 10	Analysis
1 - 11	Preparation of review report
12-	Keeping the review up-to-date

### Approval



Richard Nollan, PhD, MLS, AHIP  
Executive Director  
Libraries of the Health Sciences  
Texas Tech University Health Sciences Center  
E: [Richard.Nollan@ttuhsc.edu](mailto:Richard.Nollan@ttuhsc.edu)  
V: 806-743-1048  
ORCID: [0000-0002-9317-8670](https://orcid.org/0000-0002-9317-8670)

**Budget**

<b>Category/Budget Item</b>	<b>Cost</b>
<b>Software</b>	
Covidence package for small teams	445
<b>Travel</b>	
Professional conference (3 @ \$1,000)	3,000
<b>Other</b>	
Print material purchases	405
Poster printing	150
InterLibrary Loan (ILL) fees	1,000
<b>Total Project Costs</b>	<b>\$5,000</b>

## Summers-Ables, Joy E. (HSC)

---

**From:** Faltinek, Amy <Amy.Faltinek@ttuhsc.edu>  
**Sent:** Tuesday, April 30, 2019 3:48 PM  
**To:** Summers-Ables, Joy E. (HSC)  
**Cc:** Carrigan, Esther E; Kathleen Carter (kathleen.carter@utrgv.edu)  
**Subject:** [EXTERNAL] RE: SCAMeL Speedy Startup - Content Analysis: Technology Based Substance Use Disorder Tools and Resources

Joy,

We have not discussed that in detail yet. We have shown some interest in the Addiction Health Services Research (AHSR) Conference. Although we will not be ready for a 2019 conference, for reference, here is the link for the 2019 conference, <http://www.ctnnortheastnode.org/event/2019-addiction-health-services-research-ahsr-conference/>. If we need to attend a conference in the South Central Region, we can look into that more closely.

Thanks,  
Amy

---

**From:** Summers-Ables, Joy E. (HSC) [mailto:joy-summers@ouhsc.edu]  
**Sent:** Tuesday, April 30, 2019 3:27 PM  
**To:** Faltinek, Amy <Amy.Faltinek@ttuhsc.edu>  
**Cc:** Carrigan, Esther E <ecarrigan@library.tamu.edu>; Kathleen Carter (kathleen.carter@utrgv.edu) <kathleen.carter@utrgv.edu>  
**Subject:** RE: SCAMeL Speedy Startup - Content Analysis: Technology Based Substance Use Disorder Tools and Resources

**CAUTION:** This email originated from outside of TTUHSC. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Amy,

I was a bit tied up last week and didn't get back with you. The remaining question is have you identified conferences at which you're interested in presenting your findings?

Thanks,  
Joy

---

**From:** Faltinek, Amy <Amy.Faltinek@ttuhsc.edu>  
**Sent:** Wednesday, April 17, 2019 5:10 PM  
**To:** Summers-Ables, Joy E. (HSC) <joy-summers@ouhsc.edu>  
**Subject:** [EXTERNAL] RE: SCAMeL Speedy Startup - Content Analysis: Technology Based Substance Use Disorder Tools and Resources

Joy,

The additional information you requested is attached. Please let me know if you need any more information.

Thanks,  
Amy

Amy Faltinek, MLS, CAS, AHIP  
Senior Director, Technical Services  
Preston Smith Library  
Room 122  
3601 4<sup>th</sup> St. STOP 7781  
Lubbock, TX 79430-7781  
T: 806.743.4579  
F: 806.743.2218  
[amy.faltinek@ttuhsc.edu](mailto:amy.faltinek@ttuhsc.edu)

---

**From:** Summers-Ables, Joy E. (HSC) [<mailto:joy-summers@ouhsc.edu>]  
**Sent:** Wednesday, April 17, 2019 3:04 PM  
**To:** Faltinek, Amy <[Amy.Faltinek@ttuhsc.edu](mailto:Amy.Faltinek@ttuhsc.edu)>  
**Subject:** SCAMeL Speedy Startup - Content Analysis: Technology Based Substance Use Disorder Tools and Resources

**CAUTION:** This email originated from outside of TTUHSC. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Amy,

The Research Committee has reviewed your proposal and would like some additional information.

- You've provided roles for each of the individuals listed, please expand on what the project manager, project director and project leader will be responsible for
- More information on the review process and developing the coding system
- What is the purpose of the professional conferences in the budget?
- How will print materials and posters be used?

Please provide this as soon as possible.

Thank you,  
Joy  
SCAMeL Research Committee Chair

.....  
Joy Summers-Ables, MLIS AHIP  
Director, Robert M. Bird Health Sciences Library  
Professor, Graduate College  
Chair, Department of Health Sciences Library and Information Management  
University of Oklahoma Health Sciences Center  
Phone: 405-271-2285, opt.5  
Fax: 405-271-3297  
Email: [Joy-summers@ouhsc.edu](mailto:Joy-summers@ouhsc.edu)  
Web: <http://library.ouhsc.edu>  
Twitter: @ouhsclibrary



*The Robert M. Bird  
Health Sciences Library*

**The heart of the QUHSC community**

NOTICE:

This e-mail is intended solely for the use of the individual to whom it is addressed and may contain information that is privileged, confidential or otherwise exempt from disclosure. If the reader of this e-mail is not the intended recipient or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify me by replying to the original message at the listed email address and destroy all electronic and hard copies of the communications, including attachments. Thank You.