Sean W Scully

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Education

2013-2024	**GSB– General Studies Bachelors -Math/Renewable Energy/Electrical Engineering,** Texas Tech University, Lubbock, Texas
2007-2010	**Master of Fine Arts -Jewelry/Metals/Enameling**, Kent State University, Kent, Ohio – *Magna cum laude*
2004-2007	**Bachelor of Fine Arts Jewelry/Metalsmithing**, Texas Tech University, Lubbock, Texas - *Summa cum laude*

Employment

2021-present	*Lead Administrator - Makerspace and VR Lab*, **Associate Librarian Ryan Cassidy**, Library – Emerging Technology Department, Texas Tech University, Lubbock, Texas
2017-2021	*Makerspace Specialist -Senior Library Associate*, **Associate Librarian Ryan Cassidy**, Library Makerspace, Texas Tech University, Lubbock, Texas
2011-2017	*Specialist IV*, **Christina Thomas**, Serials Maintenance, Texas Tech University Library, Lubbock, Texas
2010-2022	*Part-time Faculty*, **Dr. Daniel Nasworth,** South Plains College, Levelland, Texas

Leadership/Teaching Experience

2021-2024	*Website Officer*, **Latino Hispanic Faculty Staff Association**, Texas Tech University, Lubbock, Texas
2021-present	**Convocation Committee**, Texas Tech University, Lubbock, Texas
2020-present	*Designer and Workshop Instructor,* **TTU Library Makerspace,** Lubbock, Texas semimonthly, hands-on, in-person and virtual**,** 1-2hr sessions

Make with Autodesk's Inventor (Intro)	**Make with Robots (Intro)**
Make with Autodesk's Inventor (Advanced)	**Make with MATLAB**
Make with 3D Printing (Intro)	**Make with Python**
Make with 3D Printing (Advanced)	**Robots with Python**
Make with Rhino3D (Intro)	**Make with Code (Scratch/MakeCode)**
Make with Rhino3D (Advanced)	**Laser-cut Business Cards**
3D Print with Rhino3D	**Make 3D-Printed Awards**
Make with Blender (Intro)	**Play with Raspberry Pi, Linux, and Python**
Make with Blender (Advanced)	**Make with Linux and Raspberry Pi**
Make Laser-Cut Puzzles	**3D Scanning for Action Figure Design**
Make with SOLIDWORKS	**Make Robots with Arduino**
Make Laser-cut Handmade Books	**Make Laser-cut Boxes**

2018-2024	*Staff Sponsor*, **Makerspace Student Organization**, Texas Tech University, Lubbock, Texas
2015-2022	*Mentor Cluster Leader*, **Mentor Tech**, Texas Tech University, Lubbock, Texas
2010-2022	*Adjunct Instructor,* **South Plains College**, Levelland, Texas
2017-2020	*Designer and Primary Workshop Instructor,* **TTU Library Makerspace,** Lubbock, Texas **CAD Crash Course Series: Autodesk's Inventor, Rhino3D, Solidworks** Bi-weekly, 2hr sessions **Tinkering 101: 3D Printing** – 3D printing technology and intro to TinkerCAD Weekly, 2hr sessions **Introduction to the Makerspace** – 3D Builder, 3D scanning and 3D printing pens, Bi-weekly, 2hr sessions
2017	*First Place Team*, **HackWesTX Hackathon**, Texas Tech University, Lubbock, Texas
2010-2011	*Adjunct Instructor***, Texas Tech University**, Lubbock, Texas

Publications and Presentations

(2023)	**"Creatives in the Library"**, ACRL Publishing, chapter renderings and co-author with Ryan Cassidy
2022	**"Building 3D Bridges",** juried presentation, NACADA 2022 Annual Conference, Portland, Oregon –based on a 2-day training workshop for STEM-Core/LSAMP scholars
2009	*The Enamel Show*, Tamara W. Hill, **Ornament,** Vol.32, No.5 *Metalsmiths Against War*, Marjorie Simon, **Metalsmith**, Vol.29**,** No.1 **500 Enameled Objects**, Juror - Sarah Perkins, Lark Books