

**LIFE SCIENCES** (Mike Alder, 801-422-3049, [malder@byu.edu](mailto:malder@byu.edu))

1. 2019-022: Salt Tolerant Microbes that Stimulate Plant Growth in Salty Soils – Brent Nielsen
2. 2019-016: Simple Measurement for Quantity & Activity of Enzymes – Brad Bundy
3. 2019-015: Galactin-1 for Muscular Dystrophy Therapy – Pam Van Ry
4. 2019-006: Drugless Addiction Treatment – Scott Steffensen
5. 2018-037: Bystander Phage Therapy; Inactivation of Bacteria Using Phages That Bind to Spores – Sandra Hope
6. 2018-035: Paper Pregnancy Test – Richard Watt
7. 2018-034: Pectus Excavatum Repair – Larry Howell
8. 2018-014: Simplified DNA Extraction – Adam Wooley
9. 2018-008: Ketone/Leucine Ester for Recovery & Muscle Development – Ben Bikman
10. 2018-002: Prosthetic Venous Valve – Anton Bowden
11. 2017-082, 2017-081, 2017-080: Origami-Inspired Spinal Implant Solutions – Larry Howell
12. 2017-072: Potential Drug for Opening Membranes – Dario Mizrahi (*License Pending*)
13. 2017-027: Analogs of Englerin A for Renal Cancer Treatment – Merritt Andrus
14. 2017-024: Rapid, Highly Sensitive Sensor for Point-of-Care MRSA and Oral Cancer Screening – Brian Iverson
15. 2017-018: Potential ALS Therapy – Juli Grose
16. 2016-054: Pancreatic Cancer Diagnostic and Therapy – John Price
17. 2016-053: Biosensor for Specific Endocrine Disrupters – Brad Bundy
18. 2015-005: Multi-Drug Resistance Gene – Josh Andersen
19. 2014-098: Biomarker for Addiction – Scott Steffensen
20. 2012-037: Neurodegenerative Disease Diagnostic – Bruce Brown
21. 2012-030, 2011-030: Light Activated Drug Delivery – Bill Pitt
22. 2012-004: Method for Using Biological Tissue as a Strain Measurement Device – Anton Bowden
23. 2002-015: Cosmetic & Pharmaceutical Benefits for Equol – Edie Lephart

**SOFTWARE** (Dave Brown, 801-422-4866, [dave\\_brown@byu.edu](mailto:dave_brown@byu.edu))

1. 2018-027: A Three-stage Coding Approach to Physical-layer Security – Willie Harrison
2. 2017-054: Page Image Segmentation and In-place Character Recognition – Bill Barrett
3. 2016-040: Secure Cloud-based Internet of Things (IOT) Platform – Todd Berrett
4. 2015-035: Target Detection and Tracking System for Unmanned Air Vehicle (UAV) Platforms – Randy Beard
5. 2014-077: Princess Leia Hologram (Full-Color Freespace Volumetric Display with Occlusion) – Daniel Smalley
6. 2013-031, 2012-044: Stereo-Imaging Editing Effects – Bryan Morse
7. 2013-016, 2012-062: Dynamic Key Establishment via Near Field Communications – Kelly Flanagan

**ENGINEERING** (Spencer Rogers, 801-422-3676, [srogers@byu.edu](mailto:srogers@byu.edu))

1. 2019-050: 3D Printing with Improved Density – Nathan Crane
2. 2019-049: Self-supporting, Free-standing Residential Elevator – Jeffrey Niven
3. 2019-044, 2019-040, 2019-034: Solid State Charge Detector – Wood Chiang
4. 2019-033: Silt Removal and Water Recirculating Vacuum – Jared Cowan
5. 2019-027, 2019-012: 3D Printing Using Curable Material – Scott Thompson
6. 2019-024: Origami Inspired Paper Food Containers – David Morgan
7. 2019-023: Lattice Hinge Food Strainer – David Morgan
8. 2019-013: Modular Sleeping Pad System – John Salmon
9. 2019-004: Developable Arms – Larry Howell
10. 2018-047, 2018-046, 2018-045, 2013-054, 2013-053: Minimally Invasive Surgical Devices – Larry Howell
11. 2018-031: Self-Stiffening Retractable Space Structure – Spencer Magleby
12. 2017-087: Mobile Rugged Solar Tracking System – Mike Searcy, Scott Ure
13. 2017-078, 2017-048: High Resolution Imaging Using Laser – Dallin Durfee
14. 2017-002, 2013-019, 2009-094: Method for Measuring Electrical Conductivity in Batteries – Brian Mazzeo
15. 2016-046: Inexpensive Fluorescent Scanning Thermal Microscope – Troy Munro
16. 2016-038: Method for Controlling the Structure of Crystalline Materials – Oliver Johnson
17. 2016-035: Method for Creating a Flexible Circuit Boards – Larry Howell
18. 2016-003, 2013-085: Origami-Inspired Method for Folding Thick Rigid Panels – Larry Howell
19. 2014-061: Non-Destructive Method for Detecting Strain in Metals – James Patterson
20. 2010-085, 2010-084: Power Tools (Impact Driver, Hammer Drill) – Chris Mattson

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## WORKING WITH BYU TECHNOLOGY TRANSFER

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### Why Work with BYU Technology Transfer

1. Secure rights to vetted technologies (many of which are leading edge)
2. Immediately create a barrier to entry and establish a unique competitive advantage
3. Acquire rights with minimal cash (we will often take equity in lieu of upfront license fees)
4. Gain access to, and mentoring from, seasoned professionals and commercialization experts

### Why Professors Commercialize

1. Give the public access to BYU inventions
2. Gain access to industry resources through research funding and strategic collaboration
3. Generate supplementary personal income (*inventors receive up to 45% of licensing revenue received by BYU*)

### What We Do

1. Protect BYU faculty-led inventions, primarily through patents
2. Commercialize BYU faculty-led inventions through sale or license
3. Support BYU faculty-led research by introducing potential research sponsors

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## THE BYU TECHNOLOGY TRANSFER LICENSING PROCESS

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To get details on all our available technologies, visit our website ([techtransfer.byu.edu](http://techtransfer.byu.edu)) or contact a member of our staff by calling 801-422-6266. You may also email us directly as follows:

- **Life Sciences:** Mike Alder, 801-422-3049 ([malder@byu.edu](mailto:malder@byu.edu))
- **Software:** Dave Brown, 801-422-4866 ([dave\\_brown@byu.edu](mailto:dave_brown@byu.edu))
- **Engineering:** Spencer Rogers, 801-422-3676 ([srogers@byu.edu](mailto:srogers@byu.edu))

When you are serious about licensing one of our technologies, we will arrange a meeting with the inventors so you can evaluate the opportunity. Typically, these visits will occur over the phone or at BYU.

We seek to match the right licensee with the right technology. First-time entrepreneurs may be required to include a seasoned entrepreneur on their team. When a licensing match is found, we formalize it with the following:

<b>OPTION</b>	Before licensing, you may want to enter into an exclusive option to permit further research and investigation. The length and other terms of such an option are negotiable. During the option period, BYU owns the technology but you have exclusive rights to negotiate a license or assignment.
<b>TERM SHEET</b>	Once terms have been negotiated and agreed to, BYU will draft a non-binding, time-sensitive term sheet for your review.
<b>LICENSE/ASSIGNMENT</b>	Once the term sheet has been reviewed and the parties have agreed, BYU will draft a complete license or assignment for your review and signature. <ul style="list-style-type: none"><li>• <b>License:</b> BYU owns the technology but you have rights to commercialize or sublicense.</li><li>• <b>Sale / Assignment:</b> You own the technology.</li></ul>