

**Presents Noontime Innovation Series: Spring 2019**

***Opportunities for Enhanced Laboratory Instrumentation: What are the needs?  
Where can we go? How do we achieve our goals?***

**Diagnostics and detection** are vital for basic research, science, technology, applied development, translation and clinical investigation. As such, **opportunities exist for enhanced instrumentation development** focusing on new analytics, new detection means, enhanced sensitivity and discrimination, data storage and telemetry, device manufacture and miniaturization.

The **Arizona Center for Accelerated Biomedical Innovation (ACABI)** and the **BIO5 Institute** are sponsoring a series of midday discussions aimed at identifying new opportunities for advancing the development of enhanced laboratory instrumentation. This is an opportunity to bring cutting edge science and engineering, ongoing at U of A, into “light and discussion,” to interface with areas of application and unmet need.

**Please join us on the following dates for a progressive series of topics aimed at developing new lab tech:**

**Jan 25<sup>th</sup> Innovation as a Process, Defining the Needs, Identifying our Strengths** (Keating Rm 247)

**Feb 15<sup>th</sup> Identifying Technologies, Defining Instruments and Designs** (Keating Rm 102A)

**Mar 22<sup>nd</sup> Defining Uses and Applications in the Laboratory** (Keating Rm 103)

**Apr 19<sup>th</sup> Converting to Point-of-Care Devices** (Keating Rm 103)

It is hoped that out of these discussions new collaborative opportunities will emerge leading to student engagement, grants, translational efforts and potential commercialization opportunities.

**The Arizona Center for Accelerated Biomedical Innovation (ACABI)** is an entity with a university--wide focus, aimed at identifying unmet needs and coupling them with emerging science and technology, for effective interfacing leading to novel solutions development. It is a “creativity engine,” aimed at fostering and enhancing value for ongoing research at the University of Arizona to maximize real world utility of efforts.

**The BIO5 Institute at the University of Arizona** connects and mobilizes top researchers in agriculture, bioengineering, biomedicine, pharmacy, basic science, and data and computational science to find creative solutions to humanity’s most pressing health and environmental challenges. Since 2001, this interdisciplinary approach has been an international model of how to conduct collaborative research, and has resulted in improved food crops, innovative diagnostics and devices, disease prevention strategies, and promising new therapies. Learn more at [BIO5.ORG](http://BIO5.ORG).

**For further information please contact:**

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