

FY13: Celebrating Berkeley Lab Innovation

Berkeley Lab's senior leadership hosted a celebration of licensed Lab innovations, and the researchers driving the inventions, at the Lab's annual royalties ceremony on February 19.

As Deputy Director Horst Simon stated in his opening remarks, technologies successfully licensed to industry and startups by the Technology Transfer and Intellectual Property Management group truly take the Lab's science solutions to the world. He expressed strong support for innovations that move beyond the lab to reach people in need, advance industry's solutions to society's concerns, and strengthen the nation's economy.

Associate Lab Directors Symons, DePaolo, and Keasling and Division Director Gadgil took turns highlighting licensed technologies, software and published books from their respective disciplines. Among the innovations:

- a charge-coupled device licensed by both [Digirad](#), for use in medical imaging, and [Hamamatsu](#), for telescopes,
- process equipment incorporated by [Veeco](#) into devices for coating read/write heads,
- a low NOx emission burner technology used in industrial heaters sold by [Maxon](#),
- quantum dots used as probes for biomedical assays by [Life Technologies](#),
- and a robotics technology licensed by [Takeda California](#) for use in drug discovery.

In addition, over 30 startups including [Seeo](#), [Aeroseal](#), [Berkeley HeartLab](#) and [TeselaGen](#) have been founded on Berkeley Lab technologies.

Licensed inventions and copyrighted software and books earned royalties of over \$2 million in FY13. After patenting costs are reimbursed, 50% of net royalties are pooled to fund Berkeley Lab research. The Lab's Innovation Grants, for example, use these central funds to support inventions that show strong commercial promise, yet need specific development to demonstrate the competitive value to potential customers, investors or industry.

The research divisions in which licensed inventions were developed receive 15% of the net royalties, and the researchers themselves earn a 35% share. In FY13, 126 Berkeley Lab inventors received a total of over \$683,000.