



Diversity & Inclusion Moment

NSF PHASE I CENTER FOR ADAPTING FLAWS INTO FEATURES

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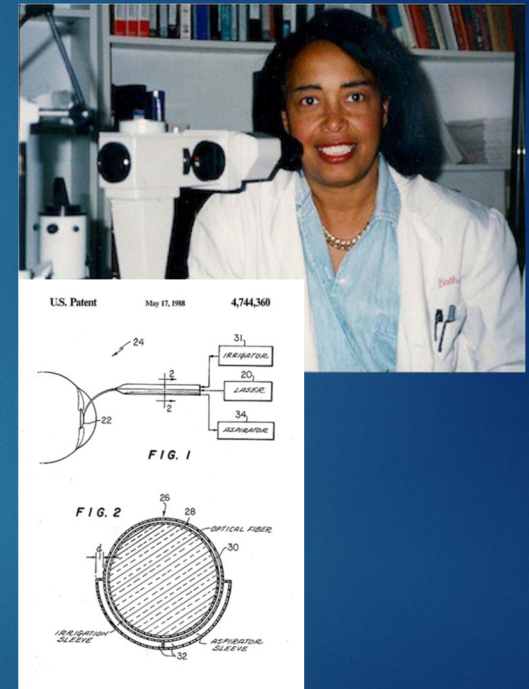
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The University of Texas at Austin

Patricia E. Bath

Inventor & Humanitarian

- Bath was born in 1942 in Harlem.
- While in high school, she earned a National Science Foundation Scholarship and researched the connections between cancer, nutrition, and stress.
- In 1964, she earned her B.S. in Chemistry from Hunter College and went on to attend the Howard University College of Medicine.
- In 1968, she organized Howard University medical students to provide volunteer health care services to the Poor People's Campaign in Resurrection City.
- In 1968, she patented the Laserphaco Probe, a device that uses laser ablation to remove cataracts, irrigate the eye, and install a new lens.



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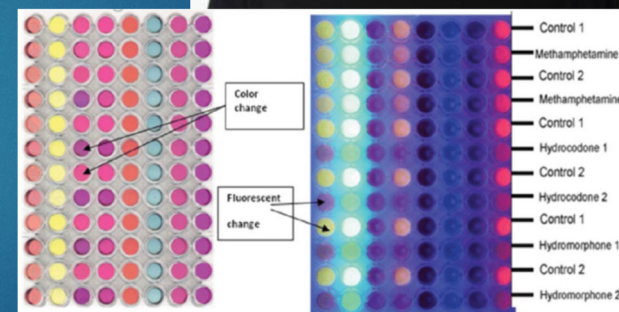
Source: Smithsonian Institute



Raychelle Burks

Forensic Chemist & DEI Advocate

- Burks first became interested in forensic chemistry during a field trip when she was 12 years old.
- She earned her B.S. in Chemistry from the University of Northern Iowa, her M.Sc. in Forensic Science from Nebraska Wesleyan University, and her Ph.D. in Chemistry from the University of Nebraska – Lincoln.
- She is currently an Associate Professor of Chemistry at American University in Washington, D.C.
- Her research focuses on developing inexpensive colorimetric sensor arrays to be installed in smartphones to detect explosives and illicit drugs.
- She is an outspoken advocate for underrepresented groups in science.



Source: Kangas, M. et al. *Crit. Rev. Anal. Chem.* 2017, 47(2).



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