

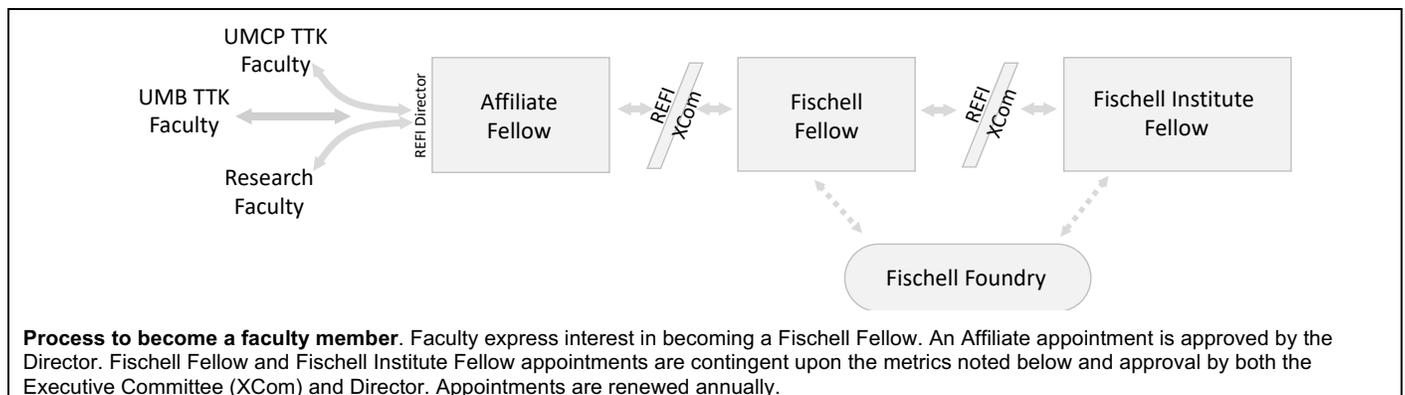


ROBERT E. FISCHELL INSTITUTE
FOR BIOMEDICAL DEVICES

Concept of “Fischell Fellows” and “Fischell Institute Fellows”

The mission of the Robert E. Fischell Institute is to catalyze the *discovery* and *translation* of innovative technologies that are commercialized to improve human health. Indicators of success include multi-investigator and multi-institutional research programs, publications, educated and trained human resources, invention disclosures, patent applications, issued patents, licenses, clinical trials, FDA IND/IDE submissions, FDA PMAs, cleared commercial products, and company start-ups, among others.

The Fischell Institute is principally housed on the 5th floor of A. James Clark Hall on the College Park campus, with proximal connectivity to the campus Vivarium (6th floor) and the BioWorkshop core instrumentation facility (4th floor). The institute’s Fischell Foundry, within the 5th floor laboratories, is a translational ecosystem service unit that provides expert consultation concerning regulatory processes for all FDA-regulated products (devices, drugs, biologics) as well as device prototype design and assembly. Institute faculty are referred to as Affiliate Fellows, Fischell Fellows and Fischell Institute Fellows. A formal process guides the transition of faculty appointments into the Institute and within the Institute, using these three categories (see below).



To promote innovative *research* that is multi-investigator and/or translational in its design, and to promote the *translation* of innovative technologies, Fischell Fellows and Fischell Institute Fellows will benefit from institute-generated resources that might be used to: create a prototype, generate data needed for building an FDA submission, hire additional staff, establish national and international collaborations, attend meetings, reduce teaching load, etc. Such support is provided directly to faculty or to his or her home department. Additionally, a robust postdoctoral and graduate fellowship program is envisioned for Fischell Institute Fellows and their multi-investigator teams.

Structure of Institute Appointments. It is expected that all participating faculty first meet their normal departmental obligations including teaching, publishing archival papers, mentoring graduate students and postdoctoral associates, and mentoring undergraduate researchers and teams. Faculty who do not wish to participate as regular Institute faculty, but who would benefit by an affiliate appointment can participate as Affiliate Fellows of the Fischell Institute. Expectations for each type of appointment are detailed below:

Affiliate Fellows of the Fischell Institute are expected to:

- Participate in Fischell Institute seminars, social events, policy, and/or brainstorming sessions.
- Perform extramurally-funded research and/or translational activities that are aligned with goals of the Institute

Fischell Fellows are additionally expected to meet or surpass each of the following:

- Lead or co-lead submission of at least 1 multi-investigator (3 or more Co-PIs) external program per year.
- Engage in technology transfer opportunities, startups, and development.
- Mentor undergraduate researchers or teams focusing on Fischell Institute themes.

Fischell Institute Faculty are expected to meet or surpass guidelines of the Fischell Fellow, as well as each of the following:

- Lead an active multi-investigator externally funded program each year.
- Host a world-class seminar speaker at least once every three years (w/financial support from Institute).
- Submit 2 or more invention disclosures per year.
- Engage the Fischell Foundry (https://youtu.be/JA6t_YRuCc) with one project each year.