

Delaware INBRE RFAs (2025~2026)

Research Projects & Pilot Projects

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&

Research Development Committee

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- Build Delaware's capacity to do biomedical research.
- Provide new/early stage investigators the critical seed funding and expert mentoring to develop research programs.
 - Answer *research questions relevant to the NIH mission (i.e., agnostic to foci)*
 - Compete for NIH R15/R16, R21/R01, and other extramural grants
 - Serve as research training sites for students.
- Balance funding across institutions (NPIs).
- Support faculty at DSU and UD.
- Support clinician/research scientists at partner/affiliated institutions (Nemours, CCHS)
- Encourage DE data science collaborations.
- Support research careers over multiple years.

Wilmington VA



RFA Website Active Now

<https://de-inbre.org/de-inbre-drpp-request-for-applications/>

1. Research Projects

- ~ 7 awards in 2025-2027 period
- ~ 80K/year for 2 years (\$160K total).
- ~ 50% research/professional effort confirmed by chair.
- ~ Mentor required.
- ~ Only open to new/early stage investigators.

Application Timeline

- Letter of Intent (LOI) due: **September 23, 2024**
- Full Proposal due: **October 21, 2024**
- Just in Time: **March 03, 2025**
- All submissions via the Piestar RFX system: <https://de-inbre.piestar-rfx.com/rfps>

Program Contact

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DE-INBRE Research Manager, Dawn Everhart, dawnm@udel.edu

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2. Pilot Projects

- ~ 11 per yr., for 5 yrs.
- ~ 40K/year for 1 year.
- ~ 25% research effort confirmed by chair.
- ~ Mentor required if a new/early stage investigator.

Take-off:

- Funds new research directions
- No pilot data required.
- – New/early stage investigators prioritized.

Booster:

- – Additional studies/data
- Responding to grant reviews for pilot/feasibility data
- New/ESI and senior PIs can apply.

DE Data Science:

Analysis of

- UD Medicaid Claims
- DHIN All Payers' Data
- CCHS EHR Data
- Nemours PEDSnet Data
- New/ESI/Sr PIs can apply

High-end core facility:

- ~ RNA sequencing/genomics
DE-INBRE core facilities
- ~ New/ESI and senior PIs can apply.
- ~ Need core director's support letter.
- ~ <https://de-inbre.org/core-facilities/>

Can apply:

PI

- PI eligible faculty at their institutions – tenure-track, research with an independent investigator status.
- RP: 50% research effort in your workload (3 mo summer, 3 mo academic).
- PP: 25% research effort (3 mo. total)
- Be at one of the partner/affiliate institutions.
- New/early stage investigators – for all award types.
- Senior investigators can apply to Booster / DE data science / High-end core facility awards.

Mentor for ESI/new PIs

- Full-time faculty, established PI with history of funding with experience in PI's area
- Committed to PI's career development
- Has a track record of training new/ESI faculty at the PI's career stage.
- A mentoring plan letter provided by the mentor.

Cannot apply if:

- Receiving concurrent funding from other IDeA mechanisms (COBRE, CTR, ISPCTN, etc.).

Delaware INBRE Submission Process / Dates

Delaware's Biomedical Research Catalyst • de-inbre.org

- **Step 1:** 1~2 page Letter of intent (LOI) – due 09/23/24
 - Project title, PI and key personnel names and affiliations, and a project description to help identify reviewers (Abstract & Relevance Statement: Define problem, aim, methods, expected results, field impact).
- **Step 2:** Submit full proposal application – due 10/21/24
 - Instructions, proposal checklist, and file templates/samples
<https://de-inbre.org/de-inbre-drpp-request-for-applications/>
 - NIH SF424 form – includes project title, PI details, administrator signature.
 - **Specific Aims** (importance, background, aims/hypotheses, impact on the field, future institute/mechanism)
 - **Research Strategy** (Significance, Innovation, Approach)
 - **Letters of support**
 - For the high-end core facility award, core director provides a letter of support indicating how they will support the PI to complete project aims by using their facility.
 - NIH Budget Form & Justification (sample provided)
 - UG Inclusion Plan, IDP, Mentoring Letter (template/sample provided)
 - Letters from Chair (see template)
 - Vertebrate animal use sections
 - NIH clinical trial form – includes Humans Subjects section (ask me for help)
 - Prior IDeA award success statement (sample provided)



Step 3: Conduct a NIH style review.

- Will try to recruit suggested reviewers after confirming no COIs.
- 3 reviewers with related expertise assigned per application.
- Overall impact score assigned by each reviewer.
- Review criteria include significance, investigators, innovation, approach, and environment.

- Will this research have an impact on the field?
- Will it lead to a successful future NIH grant application?
- Does it fit the mechanism for which it is being considered?

- RDC evaluates the scores from reviewers and discusses the written reviews.
- RDC recommendation – fund as is, revise and resubmit, or do not fund

- Step 4: Identify finalists – mid-Jan 2025
- Step 5: Just in Time – due 03/03/25
 - NIH forms (Other project, Performance site, Key personnel, use NIH templates)
 - Resources and Environment (ask research contact and mentor)
 - NIH Checklist (use NIH template)
 - Other support (use NIH template)
 - **IRB / IACUC / DUA approval letters** (if not provided, award will not move forward)
 - Human subjects certifications
 - Data management and sharing plans (sample provided)
 - NIH-compliant Biosketches
 - Response to reviewers, if needed (sample provided)
 - Revised application files, if needed
- Step 6: Grant Start – due 05/01/25 (pending INBRE renewal/start)
 - INBRE agreement signing with PI
 - Begin work

- Sept 2024: Help applicants prepare an application – Research Plan and other sections.
- Oct 2024: Identify reviewers based on LOI/full applications received.
- Nov 2024: Send applications to referees.
- By mid Jan 2025: Complete reviews and inform awardees.
- March 3rd, 2025: JIT process completed.
- May 1st, 2025: DRPP Project start date (pending DE-INBRE grant renewal).



Any Questions!

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