Call for application to the Interdisciplinary Postdoctoral Fellowship program at the Systems-based Consortium for Organ Design and Engineering (SysCODE)

SysCODE Systems-based Consortium for Organ Design & Engineering

The Consortium integrates developmental biology, computational genomics, and tissue engineering to create molecular blueprints for building organ parts from stem cells.

Interdisciplinary training program at the SysCODE offers two-year postdoctoral fellowship program.

SYSCODE MENTORS
Richard Maas, Consortium Director

Developmental Biology

Ray Anchan Scott Baldwin Joey Barnett
Richard Maas Douglas Melton Frederick Schoen

Genome and Computational Science

Martha Bulyk Richard Caprioli David Gifford
Steven Gygi Rohit Kulkarni Peter Park
Shamil Sunyaev

Bioengineering

Sangeeta Bhatia James Collins Utkan Demirci
Donald Ingber David Mooney Jagesh Shah
Ali Khademhosseini

Technology Development

Christine Seidman Jonathan Seidman

Interdisciplinary Training

Joseph Bonventre

SYSCODE PROGRAM CHARACTERISTICS

- Conduct research in the laboratories of two SysCODE mentors from distinct disciplines
- Pursue questions at the interfaces among disciplines
- Contribute to the design and engineering of cardiac valves (for valvular heart disease), pancreatic islets (for Type 1 diabetes), or tooth germ (for tooth loss)
- Your accomplishments will put you on a trajectory to becoming an independent investigator
- Appointment at Harvard, MIT, Boston University, or Vanderbilt
- U.S. citizens and Non-U.S. citizens can apply

TO APPLY: Please use only online application form provided on our website at www.syscode.org where you can also find further information about the SysCODE and the application procedure:

- Application form
- Description of prior research experience and reasons why the SysCODE Training Program is appropriate for you (Max. of one page)
- The names of potential SysCODE mentors (At least two should be from different disciplines)
- Curriculum Vitae
- Three letters of recommendation

Contact:

Brigham and Women's Hospital
Harvard Medical School, NRB
77 Avenue Louis Pasteur
Boston, MA 02115, USA
E-Mail: TrainingProgram@SysCODE.org

Applications are due on the 1st of February, May and September each year

Applications will be considered upon receipt with complete review and nominations three times a year.

www.syscode.org