

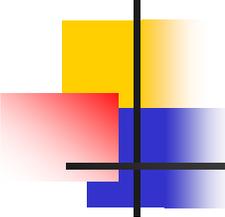
FY 2011 S&T Highlights- ORD

EPA continues to provide strong support for research addressing the Nation's most critical environmental issues which are becoming increasingly complex. ORD received a 1.8% increase in FY 2011 PB. Highlights include:

- **STAR grants and fellowships (+\$25.8M)** Requests a total of \$87.2M for research in key areas of Administrator's priorities.
- **Endocrine Disruptors (+\$6.0M)** Accelerate the application of the latest state of the art innovations to advance assessment and management of EDCs and other emerging contaminants.
- **Computational Toxicology (+\$1.8M)** Requests a total of \$21.9M to speed development of next generation tools and facilitate implementation of the Agency's Endocrine Disruptor program.

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- **Green Water Infrastructure Research (+\$6.0M)** Provides a total of \$10.3M and expands research to assess, develop and compile scientifically rigorous tools to be used by Agency Offices, States and localities to help develop and deploy green infrastructure.
- **Hydraulic Fracturing Research (+\$2.5M)** Provides a total of \$4.4M to research the impact on drinking water.
- **Air Quality Research (+\$3.4M)** Provides a total of \$85.3M to develop and maintain a next generation monitoring network for ambient air pollutants.
- **STAR Fellowships (+6.2M)** Supports STAR fellowships to graduate students to study environmental issues to include nanomaterials. Increase supports the Agency's priority to ensure a large and well-trained scientific workforce.



ORD Components of FY 2010 Enacted Budget reduced or not sustained in FY 2011

- \$4.7M in Congressionally Mandated Projects were not sustained
- \$4.3M reduction for Homeland Security research
- \$2.4M reduction for mercury research to address higher priority research needs
- \$1.1M reduction in pesticides and toxics biotechnology to shift focus to assuring the safety of chemicals and expanding efforts in green chemistry and green engineering