Geographic Information Systems for Public Policy - Lecture I

Introduction

Sergio Rey

Today

- This course
- GIS

Outline

- GIS Software
- Open Source and Open Science
- QGIS
- Interface
- Working With Files and Directories

QGIS

Time until freeze 2020-01-17 12:00:00 UTC 24d 10h 45m
Time until packaging 2020-02-21 12:00:00 UTC 59d 10h 45m
Time until next pointrelease 2020-01-17 12:00:00 UTC 24d 1(

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figure with bullets

Features:

- open source
- cross-platform
- community

An unnumbered list

- first thing
- second thing
- item

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Figure bullet fragments right

features:

- first
- second
- third
- fourth

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Duke University is at the center of a whistleblower lawsuit concerning potential research misconduct. USCHOOLS UNIVERSITY IMAGES/ISTOCKPHOTO

Whistleblower sues Duke, claims doctored data helped win $200 million in grants

By Alison McCook, Retraction Watch | Sep. 1, 2016 , 2:00 PM

On a Friday in March 2013, a researcher working in the lab of a prominent pulmonary scientist at Duke University in Durham, North Carolina, was arrested on charges of embezzlement. The researcher, biologist Erin Potts-Kant, later pled guilty to siphoning more than $25,000 from the Duke University Health System, buying merchandise from Amazon, Walmart, and Target—even faking receipts to legitimize her purchases. A state judge ultimately levied a fine, and sentenced her to probation and community service.

Then Potts-Kant's troubles got worse. Duke officials took a closer look at her work and didn't like what they saw. Fifteen of her papers, mostly dealing with pulmonary biology, have now been retracted, with many notices citing "unreliable" data. Several others have been modified with either partial retractions, expressions of concern, or corrections. And last month, a U.S. district court unsealed a whistleblower lawsuit filed by a former colleague of Potts-Kant. It accuses the researcher, her former supervisor, and the university of including fraudulent data in applications and reports involving more than 60 grants worth some $200 million. If successful, the suit—brought under the federal False Claims Act (FCA)—could force Duke to return to the government up to three times the amount of any ill-gotten funds, and produce a multimillion-dollar payout to the whistleblower.

The Duke case "should scare all [academic] institutions around the country," says attorney Joel

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