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Chapman Professors Receive National Science Foundation Grants

Chapman University Media Relations

CHAPMAN UNIVERSITY

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Two Chapman University faculty members have been awarded grants from the National Science Foundation, which will support their research in a pair of widely disparate fields. The NSF seeks to support research and education in non-medical fields of science and engineering by issuing competitive, limited-term grants in response to specific proposals from the research community.

Dr. Walter Piper, associate professor of biological sciences, received a grant of $444,359 over five years for research titled Long-term investigation of territorial behavior and population dynamics in the Common Loon. The grant will enable him to continue his research on the causes of infighting between loons, with the potential of examining the birds behavior to detect anthropogenic (man-made) impacts on aquatic ecosystems. Dr. Pipers interest in loons and their behavior has taken him back to the same Minnesota lake system for many consecutive years.

Dr. Drew Moshier, associate professor of computer science, was awarded a one-year, $85,083 grant for a program titled Supporting non-CISE (Computer and Information Science and Engineering) majors in a computing community. His research will focus on the potential of non-computing majors to make significant contributions to computing applications within their fields, and will bring professionals from a wide variety of fields to the campus for a seminar series.