Dr. N C Chawla
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University of Notre Dame. Frank M. Freimaan rof. Of Computer Science and Engineering
Ph.D., Computer Science and Engineering, University of South Florida, 2002
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Nitesh Chawla, PhD is the Frank Freimann Professor of Computer Science and Engineering, Director of Data Inference Analysis and Learning Lab (DIAL), and Director of the Interdisciplinary Center for Network Science and Applications (iCeNSA). He started his tenure-track position at Notre Dame in 2007, and was promoted and tenured in 2011, and chaired full professor in 2015. His research is focused on machine learning, data science, and network science. He is at the frontier of interdisciplinary applications with innovative work in healthcare ianalytics, social and information networks, business analytics, national security, and climate/environmental sciences. He is the recipient of multiple awards for research and teaching innovation including outstanding teacher awards (2007 and 2010), National Academy of Engineers New Faculty Fellowship, and number of best paper awards and nominations. He is the recipient of the 2015 IEEE CIS Outstanding Early Career Award; the IBM Watson Faculty Award, the IBM Big Data and Analytics Faculty Award, National Academy of Engineering New Faculty Fellowship, and his PhD dissertation also received the Outstanding Dissertation Award. In recognition of the societal and community driven impact of his research, he was recognized with the Rodney Ganey Award and Michiana 40 Under 40. He is a Fellow of the Reilly Center for Science, Technology, and Values;, Fellow of the Institute of Asia and Asian Studies; and Fellow of the Kroc Institute for International Peace Studies at Notre Dame. He is the founder of Aunalytics, a data science company.

Summary of Activities/Interests

Dr. Chawla's research interests are broadly in the areas of Big Data: data science, machine learning, network science and their applications social networks, healthcare informatics/analytics, and climate/environmental sciences.

He directs the Notre Dame Interdisciplinary Center for Network Science and Applications (iCeNSA) and the Data Inference Analytics and Learning Lab (DIAL).