

From: Richard Kahn <[REDACTED]>
To: "jeffrey E." <jeevacation@gmail.com>
Subject: martin nowak
Date: Mon, 15 Dec 2014 22:22:46 +0000

i have received attached from martin nowak
should i prepare in any special format as i send over to Eileen and Rich for Leon
is it ok to send each charity as i receive narratives and advise Eileen and Rich to begin making contributions
please advise
thank you

Richard Kahn
HBRK Associates Inc.

[REDACTED]
cell 917-414-7584

From: Martin Nowak <[REDACTED]>
Date: December 15, 2014 at 4:59:41 PM EST
To: Richard Kahn <[REDACTED]>

dear richard
below please find the template for the donation by Mr Black.
the wording in the letter is quite important.
especially also the fund number.
may i call you to discuss on the phone?
best wishes
martin

====please send letter and check to

Denise A. Gorayeb
Recording Secretary

=====draft of letter=====

Denise A. Gorayeb
Recording Secretary
Harvard University
Recording Secretary's Office

Dear Ms Gorayeb,

Gift for Martin Nowak's Program for Evolutionary Dynamics
Harvard Fund Number: 347150

I would like to donate a gift in the amount of \$ 4,000,000 in support of Professor Martin Nowak's Program for Evolutionary Dynamics (PED), located at 1 Brattle Square, Cambridge. This gift is supposed to cover the maintenance of space and occupancy, equipment, supplies and administrative staff, and contribute towards expenses associated with research staff, summer salaries, students, visitors and events. I understand that Harvard fund number 347150 is ready to accept such donations.

I am extremely impressed by Professor Nowak's contributions to mathematical biology and evolutionary dynamics. He has assembled the worlds leading research group in this area. His work is truly multi-disciplinary and highly innovative.

Please send me a receipt for tax purposes. Thank you.

Yours sincerely,

...

(Please enclose a check payable to: "President and Fellows of Harvard College." In the check's memo section, please designate the allocation of the gift: "PED Harvard Fund Number 347150)

Begin forwarded message:

From: Martin Nowak <[REDACTED]>
Date: December 15, 2014 at 5:19:16 PM EST
To: Richard Kahn <[REDACTED]>

richard,

great to talk.

below please find a narrative of my work and the program.

please let me know if you need any further information.

best wishes

martin

Martin A. Nowak is Professor of Biology and of Mathematics at Harvard University and Director of the Program for Evolutionary Dynamics. He works on the mathematical description of evolutionary processes including the evolution of cooperation and human language, the dynamics of virus infections and human cancer. His major scientific discoveries include: the mechanism of HIV disease progression, the rapid turnover and evolution of drug resistance in HIV infection, quantifying the dynamics of HBV infection, evolution of virulence under superinfection and coinfection, the role of chromosomal instability in human cancer, quantifying the dynamics of chronic myeloid leukemia, evolution of drug resistance in targeted cancer therapy, evolution of genetic redundancy, five mechanisms for the evolution of cooperation, generous tit-for-tat and win-stay, lose-shift, the alternating prisoner's dilemma, evolution of cooperation by indirect reciprocity, spatial game dynamics, adaptive dynamics, evolutionary game dynamics in finite populations, evolutionary graph theory, evolution of eusociality by natural selection, a mathematical approach to the evolution of human language, prelife and the origin of evolution.

Martin Nowak studied biochemistry and mathematics at the University of Vienna. He received his Ph.D. *sub auspiciis praesidentis* in 1989. He went to the University of Oxford as an Erwin Schrödinger Scholar and worked there with Robert May, the later Lord May of Oxford, with whom he co-authored numerous articles and his first book, "Virus Dynamics". Nowak held Junior Research Fellowships at Wolfson College and Keble College. He was a Wellcome Trust Senior Research Fellow. In 1997 Nowak became Professor of Mathematical Biology in Oxford. In 1998 he moved to Princeton to establish the first program in theoretical biology at the Institute for Advanced Study. He received his present position at Harvard University in 2003.

A corresponding member of the Austrian Academy of Sciences, Nowak is the recipient of several prizes including the Weldon Memorial Prize of Oxford University, the David Starr Jordan Prize of Stanford University and the Akira Okubo Prize. Nowak is the author of over 400 papers and four books. "Evolutionary Dynamics" (2006) provides an overview of the powerful yet simple laws that govern the evolution of living systems. "SuperCooperators" (2011) argues that cooperation is the third fundamental principle of evolution beside mutation and selection.

The Program for Evolutionary Dynamics at Harvard University was established in 2003. It is an multi-disciplinary research group at the interface of biology, mathematics, physics, economics and

computer science. The Program is headed by Martin Nowak and contains visiting professors, research scientists, graduate students and undergraduate students.