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Professor of Finance (2008-), New York University – Stern School of Business, 44 West 4th St., Suite 9-84, New York, NY – 10012, USA.
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(On leave) Professor of Finance (2007-), London Business School, Regent's Park, London – NW1 4SA, U.K.
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General Indian, Born on 1st March 1974, Married

Academic Appointments
Visiting Professor of Finance (Winter 2007), Graduate School of Business, Stanford University
Associate Professor of Finance (2005-2006), London Business School
Assistant Professor of Finance (2001-2004), London Business School

Other Positions

- Academic Advisor to the Federal Reserve Bank of New York (Jan 2009-), Federal Reserve Bank of Philadelphia (Jan 2009-).
- Member of the Research Advisory Board of the British Private Equity and Venture Capital Association, 2008-.
- Academic Director, the Coller Institute of Private Equity at London Business School, 2007-.
- Senior Houblon Norman Fellow at the Bank of England (July-August 2008)
- Academic Advisor to the Bank of England (Dec 2004-June 2008).
- Editor – Journal of Financial Intermediation (2009-)
- Associate Editor – Management Science (2009-), Review of Finance (2006-), Review of Financial Studies (2005-2008), Journal of Financial Intermediation (2005-2008), International Journal of Central Banking (2004-2006), Journal of Financial Stability (2004-), Journal of Financial Services Research (2007-).
- Research Affiliate, Center for Economic Policy Research (CEPR), Member- AFA, EFA, WFA

Education
Ph.D. Finance, Stern School of Business, New York University, 1996 – 2001
- Dissertation - "Essays in Banking and Financial Institutions"

Ph.D. Computer Science (Incomplete), New York University, 1995 – 1996
B. Tech. in Computer Science and Engineering, IIT Bombay, 1991 – 1995
- President of India Gold Medallist for the highest GPA among 350 students.
- President of India Gold Medallist for the best academic and overall proficiency.
- Ranked 5th all over India at IIT Joint Entrance Exam, 1991.

Research

Areas of Interest
- Banking – Liquidity, Crises, Systemic Risk, Regulation, Diversification of Loan Portfolios.
- Corporate Finance – Cash Management, Incentive Compensation, Bankruptcy Systems, Private Equity and Corporate Governance.
- Asset Pricing – Causes and Effects of Time Variations in Liquidity, Disclosure and Insider Trading.
- Valuation and Hedging of Corporate Debt and Credit Derivatives.
- International Finance – Growth and Crises.
- Agency Theory in General Equilibrium.

Publications
- "Private Equity versus Plc Boards in the U.K.: A Comparison of Practices and Effectiveness" with Conor Kehoe and Michael Reyner, *forthcoming, Journal of Applied Corporate Finance.*
- "Bankruptcy Codes and Innovation" with Krishnamurthy Subramanian, *forthcoming, Review of Financial Studies*.

- “Managerial Hedging, Equity Ownership, and Firm Value” with Alberto Bisin, *forthcoming, Rand Journal of Economics.*
- “Private Equity: Boom and Bust?” with Julian Franks and Henri Servaes, *Journal of Applied Corporate Finance,* 19(4), Fall 2007, 44-53.
- “Is Cash Negative Debt? – A Hedging Perspective on Corporate Financial Policies” with Heitor Almeida and Murillo Campello, *Journal of Financial Intermediation,* 16(4), 2007, 515-554.
- “Cash-in-the-Market Pricing and Optimal Resolution of Bank Failures,” with Tanju Yorulmazer, *Review of Financial Studies*, 21, 2008, 2705-2742.
- “Information Contagion and Bank Herding” with Tanju Yorulmazer, *Journal of Money, Credit and Banking,* 40(1), 2008, 215-31.
- “Does Industry-wide Distress Affect Defaulted Firms? - Evidence from Creditor Recoveries,” with Sreedhar Bharath and Anand Srinivasan, *Journal of Financial Economics,* 85(3), 2007, 787-821.
- “Too-Many-To-Fail – An Analysis of Time-inconsistency in Bank Closure Policies,” with Tanju Yorulmazer, *Journal of Financial Intermediation*, 16(1), 2007, 1-31 (lead article).
- “Insider Trading in Credit Derivatives,” with Timothy Johnson, *Journal of Financial Economics*, 84(1), 2007, 110-141.
- “When Does Strategic Debt-Service Affect Debt Spreads?” with Jing-zhi Huang, Marti G. Subrahmanyam, and Rangarajan K. Sundaram, *Economic Theory,* Feb 2006, 1–16.
- “Should Banks Be Diversified? Evidence from Individual Bank Loan Portfolios," with Anthony Saunders and Iftekhar Hasan, *Journal of Business,* May 2006, 79(3), 1355-1412.
- “Optimal Financial-Market Integration and Security Design,” with Alberto Bisin, *Journal of Business,* 78(6), 2006, 2397-2433.
- “Asset Pricing with Liquidity Risk," with Lasse Pedersen, *Journal of Financial Economics,* 77(2), 2005, 375-410.
- “Is the International Convergence of Capital Adequacy Regulation Desirable?" *Journal of Finance,* 58(6), 2003, 2745-2781.
- “Corporate Bond Valuation and Hedging with Stochastic Interest Rates and Endogenous Bankruptcy,” *Review of Financial Studies*, 15(5), 2002, 1355-1383 with Jennifer N. Carpenter.
- “Pricing Credit Derivatives with Rating Transitions,” *Financial Analysts Journal,* 58(3), 2002, 28-44, with Sanjiv R. Das and Rangarajan K. Sundaram.
- “On the Optimality of Resetting Executive Stock Options,” *Journal of Financial Economics*, 57(1), 2000, 65-101, with Kose John and Rangarajan K. Sundaram.

Book and Short Articles on the Sub-Prime Crisis of 2007-08

- *“Restoring Financial Stability: How to Repair a Failed System” – An Independent View from New York University Stern School of Business, Viral Acharya and Matthew Richardson, editors, New York University Stern School of Business, (c) John Wiley & Sons, 2009.*

  My articles featured in the book:
  - “Prologue: A Bird’s Eye View – The Financial Crisis of 2007-08: Causes and Remedies”, with Thomas Philippon, Matthew Richardson and Nouriel Roubini.
  - “How Banks Played the Leverage *Game*” with Philipp Schnabl.
  - “Governance, Incentives and Fair Value Accounting – Overview”, with Raghu Sundaram.
  - “Corporate Governance in the Modern Financial Sector” with Jennifer Carpenter, Xavier Gabaix, Kose John, Matthew Richardson, Marti Subrahmanyam, Rangarajan Sundaram and Eitan Zemel.
  - “Derivatives, Short-selling and Transparency – Overview”.
  - “Derivatives – The Ultimate Financial Innovation” with Menachem Brenner, Robert Engle, Anthony Lynch and Matthew Richardson.
  - “Centralized Clearing for Credit Derivatives” with Robert Engle, Stephen Figlewski, Anthony Lynch and Marti Subrahmanyam.

- “Regulating Systemic Risk” with Lasse Pedersen, Thomas Philippon and Matthew Richardson.
- “Private Lessons for Public Banking: The Case for Conditionality in LOLR Facilities” with David Backus.
- “The Financial Sector *Bailout*: Sowing the Seeds of the Next Crisis?” with Raghu Sundaram.
- “International Alignment of Financial Sector Regulation” with Paul Wachtel and Ingo Walter.

Invited Articles and Overviews

- “Corporate Governance and Value Creation: Evidence from Private Equity”, Presentation to the HM Treasury Group and Regulators for Pensions and Financial Reporting, November 2007, November 2008.
- “Private Equity and Hedge Funds: The Changing Face of Corporate Governance”, Presentation to the HM Treasury Group and London Business School Governance Center, October 2006, to Freshfields Private Equity Group, December 2006.
- “Liquidity, Liquidity Risk and Credit Spreads: Some Open Questions,” for The Third Annual Credit Risk Conference organized by Moody's and Stern School of Business, New York University, May 16-17, 2006.
- “Understanding and Managing Correlation Risk and Liquidity Risk,” with Stephen Schaefer, *International Financial Risk Institute (IFRI) Roundtable*, 29-30 September 2005, *CREDIT Conference in Venice*, September 2006, *RISK Magazine’s Credit Risk Summit (Europe)*, 2-3 October 2006.
- “Should Banks Be Diversified? Evidence from Individual Bank Loan Portfolios," *Proceedings of the Federal Reserve Bank of Chicago Conference on Bank Structure and Competition*, 2002, with Anthony Saunders and Iftekhar Hasan.
- “Competition amongst Banks, Capital Requirements, and International Spillovers,” *Economic Notes*, 30(3), 2001, 337-358.

Working Papers

- (NEW) “Fire Sales and Slow-Moving Capital” with Hyun-Song Shin and Tanju Yorulmazer.
- (NEW) “Rollover Risk and Market Freezes” with Douglas Gale and Tanju Yorulmazer.
- (NEW) “The Internal Governance of Firms” with Stew Myers and Raghuram Rajan.
- (NEW) “Imperfect Competition in the Inter-Bank Market for Liquidity as a Rationale for Central Banking” with Denis Gromb and Tanju Yorulmazer.
- (NEW) “Corporate Governance and Value Creation: Evidence from Private Equity” with Moritz Hahn and Conor Kehoe.
- (NEW) “Does Hedging Affect Commodity Prices? The Role of Producer Default Risk” with Lars Lochstoer and Tarun Ramadorai.
- “Leverage, Moral Hazard and Liquidity”, with S. (Vish) Viswanathan.
- “Cash Holdings and Credit Risk” with Sergei Davydenko and Ilya Strebulaev *(submitted).*
- “Liquidity Risk and Correlation Risk: A Clinical Study of the General Motors and Ford Downgrade of 2005” with Stephen Schaefer and Yili Zhang *(submitted).*
- “Fire-sale FDI” with Hyun-Song Shin and Tanju Yorulmazer *(submitted).*
- “Finance and Efficiency: Do Bank Branching Regulations Matter?” with Jean Imbs and Jason Sturgess *(submitted).*
- “Endogenous Information Flows and the Clustering of Announcements” with Peter DeMarzo and Ilan Kremer *(submitted).*
- “Corporate Governance Externalities” with Paolo Volpin *(resubmitted).*
- “More Insiders, More Insider Trading: Evidence from Private Equity Buyouts” with Timothy Johnson *(resubmitted).*
- “Creditor Rights and Corporate Risk-taking” with Yakov Amihud and Lubomir Litov *(resubmitted).*
- “Fire Sales, Foreign Entry and Bank Liquidity” with Hyun-Song Shin and Tanju Yorulmazer *(being revised for resubmission).*

- "Cross-country Variations in Capital Structure: The Effect of Bankruptcy Codes," with Kose John and Rangarajan K. Sundaram *(resubmitted).*
- "A Theory of Systemic Risk and Design of Prudential Bank Regulation" *(submitted).*

Work in Progress

- "Precautionary Hoarding of Liquidity and Inter-Bank Markets: Evidence from the Sub-prime Crisis" with Ouarda Merrouche.
- "Is the Inter-Bank Market Special?" with Ouarda Merrouche and Lev Retnvoski.
- "Seeds of a Crisis: A Theory of Bank Liquidity and Risk Taking over the Business Cycle" with Hassan Naqvi.
- "Financial Innovation, Risk Transfer and Financial Stability" with Hyun-Song Shin and Tanju Yorulmazer.
- "Counterparty Risk, Collateral and Liquidity" with Erlend Nier and Robert Ritz.
- "Liquidity Risk of Corporate Bond Returns" with Yakov Amihud and Sreedhar Bharath.
- "Labor Laws and Innovation" with Ramin Baghai-Wadji and Krishnamurthy Subramanian.

Academic Awards

- Best Paper on Corporate Governance awarded by the European Corporate Governance Institute, 2008 – "Corporate Governance Externalities"
- Journal of Financial Economics Best Paper in Capital Markets and Asset Pricing, Second (Fama/DFA) Prize, 2007 – "Does Industry-wide Distress Affect Defaulted Firms? – Evidence from Creditor Recoveries"
- The "Rising Star in Finance" Award at the Inaugural Rising Stars Conference in Albany organized by Rennslear Polytechnic Institute (RPI), 2008.
- Citibank Best Paper Award at the Summer Research Conference organized by the Center for Analytical Finance (CAF) at Indian Business School, 2007 – "Bankruptcy Codes and Innovation"
- Second Runner-up Award for the Best Paper at the 13th Mitsui Life Symposium on "Value Creation: Financing and Organizing the Firm" at the University of Michigan, 2007 – "Bankruptcy Codes and Innovation"
- Journal of Financial Economics Best Paper for Capital Markets and Asset Pricing, First (Fama/DFA) Prize, 2005 – "Asset Pricing with Liquidity Risk"
- First recipient of the Lawrence G. Goldberg Prize for the Best Ph.D. in Financial Intermediation, 2005
- Outstanding Referee Award for the Review of Financial Studies, 2003
- NYSE Award for Best Paper on Equity Trading, WFA Meetings, 2003 - "Asset Pricing with Liquidity Risk."
- Best Student Paper Award at FMA European Conference, 2001 - "Is the International Convergence of Capital Adequacy Regulation Desirable?"
- Journal of Financial Economics Best Paper for Corporate Finance and Organizations, First (Jensen) Prize, 2000 - "On the Optimality of Resetting Executive Options."
- Lehman Brothers Fellowship for Excellence in Finance Research - First Prize, 2000 (Awarded to a graduating student across MIT, Harvard, NYU, Columbia, Wharton, and Chicago) - "A Theory of Systemic Risk and Design of Prudential Bank Regulation."
- L. Glucksman Institute Research Awards, NYU - First Prize (2002-2003, 1998-1999), Second Prize (2000-2001), and CDC Working Paper Awards, NYU - First Prize, 2003, 2000, 1999
- Harold W. MacDowell Award for Outstanding Achievement in Doctoral Program, Stern School of Business, NYU, 2001

Teaching

- Credit Risk, MBA/Masters in Finance Elective, LBS (with Stephen Schaefer).
  Summer 2008 – Teaching rating: 4.66/5.00, Summer 2007 – Teaching rating: 4.39/5.00
- Corporate Finance and Valuation, Masters in Finance Core, LBS.
  Fall 2006, 2005, 2004, 2003, 2002, Average teaching rating: 4.20/5.00
  Summer 2004 [Indian School of Business], Teaching rating: 6.28/7.00
- Options and Futures, MBA/Masters in Finance Elective, LBS.

Fall 2006, 2005, 2004, Spring 2004, 2003, 2002, Average teaching rating: 4.13/5.00
Fall 2003 [Indian School of Business], Teaching rating: 6.65/7.00
Fall 1999, Spring 1999 [NYU], Average teaching rating: 6.32/7.00

Teaching Awards

- Runner-up for Best Teacher in Masters in Finance programme at London Business School, 2006-07.

Grants

- Europlace de Finance, 2008.
- BSI Gamma Foundation, 2008.
- Global Association of Risk Professionals (GARP) grant, 2008.
- Senior Houblon Norman Fellowship at the Bank of England, July-August 2008.
- INQUIRE Europe grant, 2007-08.
- Leverhulme Trust Fellowship, 2007-08.
- Fondation Banque de France Grant, 2008, 2005, 2004.
- Research & Materials Development Grant, London Business School, 2008, 2007, 2006, 2005, 2003, 2001.
- INQUIRE, UK, 2002.

Refereeing

- Econometrica, American Economic Review, Journal of Political Economy, Review of Economic Studies, Rand Journal of Economics, Journal of Economic Theory, International Economic Review, Journal of Law, Economics and Organization, Journal of Finance, Journal of Financial Economics, Review of Financial Studies, Management Science, Journal of Financial and Quantitative Analysis, Journal of Banking and Finance, Journal of Financial Intermediation, Review of Finance, Journal of Money, Credit and Banking, International Journal of Central Banking, Journal of Financial Stability, Journal of International Economics, The B.E. Journals in Theoretical Economics, Review of Derivatives Research, Mathematical Finance, Journal of Derivatives, Journal of Financial Services Research, Bank of England Working Papers, Economic Theory, European Economic Review, Journal of the European Economic Association, Economic Notes.
- Expert Panelist for European Research Council (ERC)'s Advanced Grant Evaluation, 2008.
- Reviews of NSF, ESRC and Candian Research Council Grant Proposals.
- Book review of "Credit Risk – Pricing, Measurement, and Management" by Darrell Duffie and Kenneth J. Singleton, for Economica, 2004.
- Scientific Committee –Annual Credit Risk Conference organized by Moody's and London Business School, 2008, 2005, CREDIT Conference (Venice), 2008, 2006.
- Program Committee – AFA, 2008, WFA, 2006-2008, EFA, 2002-2008, Financial Intermediation Research Society – 2004-2008, Corporate Finance of Financial Intermediaries (Wharton) – 2006, FMA – 2008, Indian School of Business Summer Conference, 2007-08, UniCredit Conference on Risk Transfer, 2008, CREDIT Conference in Venice, 2007-08.

Discussions

- Econometric Society – 2006, AFA – 2008, 2007, 2003, WFA – 2008, 2005, 1999-2002, EFA – 1999-2003.
- NBER Summer Institute for Corporate Finance, 2008, 2006, 2002; NBER Corporate Finance – 2002.
- NYU-Penn Conference on "Law and Finance", February 2006.
- Liquidity Conference at Federal Reserve Bank of New York, October 2005.
- Financial Intermediation Research Society Meetings – May 2004, Capri.
- Conference on "Liquidity Concepts and Financial Instabilities," June 2003, Eltville.

Presentations (2008-)

- Carnegie Mellon, Cornell, NBER Corporate Finance, NYU-Stern, World Bank, BSI Gamma Foundation, Bank of England, Oesterreichische Nationalbank, RISK Capital 2008, Western

Finance Association Meetings 2008, Said Business School – Oxford, Credit and Financial Risk Management Conference (Florence), Toulouse, London Business School Private Equity Symposium, Lehman Brothers, Federal Reserve Bank of New York and Columbia GSB Conference on Money Markets, London School of Economics, Brunel University Conference on Financial Economics, Moody's/NYU Fifth Annual Conference on Advances in Credit Risk, Credit Live Conference, Private Equity Conference at University of Chicago – GSB (joint with University of Illinois at Urbana Champaign), University of Texas at Austin, Rising Stars Conference (RPI, Albany), Federal Reserve Bank of Chicago, Conference on Financial Stability at the Federal Reserve Bank of Cleveland, University of Chicago, Metropolitan University of London, University of Naples, University of St Gallen, Swiss Winter Finance Conference, IESE Barcelona, NYU-Penn Law and Finance Conference, Princeton Bendheim Center for Finance, Harvard Business School, CEMFI Workshop on Credit Risk and Financial Stability, European Central Bank and Centre for Financial Studies Conference, European Winter Finance Conference 2008, AFA Meetings 2008.

Press Coverage

- FT.com (The Economists' Forum), *Government should have strings attached* (with Dave Backus and Raghu Sundaram), 6 January 2009; Forbes.com, *Time to lift the veil: A clearinghouse for credit derivatives trading* (with Marti Subrahmanyam), 12 November 2008; FT.com (The Economists' Forum), *Getting healthy banks to acquire troubled ones*, 13 Oct 2008; www.voxeu.org, *The other part of the bailout: Pricing and evaluating the US and the UK loan guarantees* (with Raghu Sundaram), 26 Oct 2008; Bloomberg, *Fed Pledges Exceed $7.4 Trillion to Ease Frozen Company Credit,* 24 November 2008.
- The Times, 28 October 2008, *Management Briefing: Private Equity;* Retail Banking Insider, August 2008, *Private Equity Poised to Swoop on Banks;* Harvard Political Review, Spring 2008, *Golden Geese: Sovereign Wealth Funds and Private Equity are here to stay*; Financial News, 23 June 2008, *Operating Partners Brought in to Boost Performance;* Private Equity News, 23 June 2008, *Operating Partners Earn Their Stripe.*
- London Business School's *Business Strategy Review,* Autumn 2008 – *Risky Business;* London Business School's *Insight* magazine, Spring 2008 – *The Sub-prime Smoke Shield*; Herald Tribune, 31 January 2008, *Changes for banks? U.K. overhaul aimed at curbing runs;* FEM Business on the current financial crisis which ran in August; Quoted in *"Rate cut calls miss the point after prolonged market change"* in Financial Times, 27 August 2007**.**
- Wall Street Journal, 22 January 2008, *The M&A Boom: The Biggest for Insider Trading?;* Washington Post, 17 January 2008, *Throw Out the Inside Traders;* CFA Society of the UK, June 2008, Interview with Bloomberg TV, featured in *Special on Insider Trading,* July 2007.
- Articles in International Herald Tribune and L'Agefi on default credit swaps which ran in May 2007, Bloomberg, 17 October 2006, *Credit-Default Swaps Raise Insider Trading Concerns,* Wall Street Journal, 31 August 2006, *Can anyone police the swaps?*, FT.com, 29 May 2005, *Banks scrutinised in credit default swaps market,* Financial Times, Front Page – First Section, 30 May 2005, *Insider trade fears in swaps market,* and in IDD, IFR, Dow Jones UK Wire.
- Financial Times – Mastering Financial Management, June 2006, *Managing the Risks of Liquidity and Correlation* (with Stephen Schaefer), Economic and Political Weekly, India, January 2006, *Liquidity Risk: Causes, Consequences and Implications for Risk Management.*

Consulting

- Visiting Scholar, International Monetary Fund, August 2006.
- International Financial Risk Institute – Research paper on "Changing Correlations and Liquidity: Causes and Implications for Financial Institutions", September 2005.
- Industrial Credit and Investment Corporation of India (ICICI Bank) - Credit Risk, 2002-3.
- Institute for Financial Management and Research/Academy for Management Excellence (IFMR/ACME), India - Design of Post-Graduate Program in Quantitative Finance, 2003-4.
- J. P. Morgan Equity Derivatives Research, New York, Summer 1997 - Developed a Monte Carlo valuation of complex derivative products, based on quasi-random sequences and Brownian Bridge technique, documented in technical mimeo "Hybrid Quasi-Monte Carlo Methods for Valuation," with Julia Chislenko, Jonathan Goodman and Arnon Levy.

Hobbies

- Singing and composing (Indian semi-classical), Poetry, Cricket, Tennis, Running, Traveling.
- Founding Member and Chairman (2003-2007) of PrathamUK, the UK chapter of Pratham, an Indian NGO providing pre-primary and primary education to underprivileged children in India (www.pratham.org), 2003-. Chapters have to date raised over £2mln.
- Founding Member and President of PrathamUSA, the NY/NJ chapter of Pratham, 1998-2001.
- Boardmember, GIVE (Giving Impetus to Voluntary Effort) – UK, 2003-Current.

Non-academic Awards

- Asian Achievers' Award for Community Service, 2006, awarded by Asian Voice and Gujarat Samachar in UK.
- Short-listed in the final seven for the "Young Philanthropist" Award of Beacon Fellowships in the UK, 2004-05, 2005-06.

References

External

Professor Franklin Allen	(1) 215 898-3629	allenf@wharton.upenn.edu
Professor Peter DeMarzo	(1) 650 736-1082	pdemarzo@stanford.edu
Professor Darrell J Duffie	(1) 650 723-1976	duffie@stanford.edu
Professor Raghuram G. Rajan	(1) 202 623-8977	raghuram.rajan@chicagogsb.edu

At Department of Finance (Stern), New York University

Professor Yakov Amihud	(1) 212 998-0720	yamihud@stern.nyu.edu
Professor Kose John	(1) 212 998-0337	kjohn@stern.nyu.edu
Professor Anthony Saunders	(1) 212 998-0711	asaunder@stern.nyu.edu
Professor Marti G. Subrahmanyam	(1) 212 998-0348	msubrahm@stern.nyu.edu
Professor Rangarajan K. Sundaram	(1) 212 998-0308	rsundara@stern.nyu.edu

At Department of Economics, Graduate School of Arts and Sciences, New York University

Professor Alberto Bisin	(1) 212 998-8916	alberto.bisin@nyu.edu
Professor Douglas Gale	(1) 212 998-8944	douglas.gale@nyu.edu