BING LIANG, PhD

Department of Finance 47 Summerfield Rd. Isenberg School of Management Amherst, MA 01002

University of Massachusetts Amherst

121 President's Dr., Amherst, MA 01003-9310 Tel: (413) 545-3180, Fax: (413) 545-3858 E-Mail: bliang@isenberg.umass.edu

Website: https://www.isenberg.umass.edu/people/bing-liang

SSRN author page: https://ssrn.com/author=2348660 Date: December 2022

EDUCATION

Ph.D. in Finance, the University of Iowa

M.S. in Quality Management and Productivity, The University of Iowa

M.S. in Applied Statistics, Chinese Academy of Science

B.S. in Maritime Meteorology, Ocean University of China

AREAS OF SPECIALIZATION

Hedge Funds and Mutual Funds, Risk Management, Liquidity, Capital Market Anomalies, Climate Finance, and Econometrics

EMPLOYMENT

LV.			
	2018-present	Charles P. McQuaid Professor of Finance	
	2008-present	Professor of Finance, Isenberg School of Management	
	2015-2018	Dean's Fellow, Isenberg School of Management	
	Fall 2013	Visiting Professor, Shanghai Advanced Institute of Finance,	
		Shanghai Jiao Tong University	
	Fall 2010	Visiting Professor of Finance, The International Center for Finance,	
		Yale School of Management	
	2003-2008	Associate Professor of Finance	
		Isenberg School of Management, UMass Amherst	
	2004	Visiting Scholar, London School of Economics	
	1995-2003	Assistant Professor of Finance	
		Weatherhead School of Management, Case Western	
		Reserve University	

OTHER APPOINTMENTS AT UMASS

2020-2022	Chair, Department Personnel Committee
2017-2022	Faculty Director, Master of Finance in Alternative Investments
2003-2004	Chair, Department Faculty Recruiting Committee
2004-2010,	Area Coordinator, Ph.D. Program in Finance
2015-2016	-
2016-2017	Member, Provost's Advisory Council

AFFILIATIONS

The International Center for Finance, Yale School of Management, 2010-present MIT Laboratory for Financial Engineering (LFE), 2020-present Shanghai Advanced Institute of Finance (SAIF), Shanghai Jiao Tong University, 2010-present

AWARDS AND HONORS

Charles P. McQuaid Professor of Finance, 2018-present

The Graham-Dodd Scroll Award for 2018, The Financial Analysts Journal

The Dean's Faculty Fellow, Isenberg School of Management, 2015-2018

Research Excellence Award, Isenberg School of Management, 2020-2021, 2016-2017, 2013-2014, 2012-2013, 2011-2012

Exceptional Merit, University of Massachusetts, Amherst, 2015, 2012

Outstanding Teaching Award, Isenberg School of Management, 2013-2014

Exceptional Merit, University of Massachusetts, Amherst, 2015, 2012

Outstanding Research Award, Isenberg School of Management, 2005-2006

CAFR (China Academy of Financial Research) Research Grant, 2013, 2012

Singapore Management University's BNP Paribas Hedge Fund Center Research Grant, 2012. 2009

The Q-Group Research Grant, 2005, 2010

Graham and Dodd Award for 2009, The Financial Analysts Journal

Research Fellow, Isenberg School of Management, 2007, 2008

BSI Gamma Foundation Award, 2007

Best Paper Award, China International Conference in Finance, 2007

Award for Outstanding Accomplishments in Research and Creative Activity,

University of Massachusetts, Amherst, 2006

Outstanding Research Award, Isenberg School of Management, 2006

INOUIRE UK Research Grant, 2006

Lilly Teaching Fellowship, 2005-2006, University of Massachusetts, Amherst

Best Paper Award in Hedge Funds, European Finance Associate Meetings, 2003

Weatherhead School of Management Summer Research Grant 1997-2001, 2003

Research Grant, the Foundation for Managed Derivatives Research, 2000

Ponder Fellowship, the University of Iowa, 1990-1995

PUBLICATIONS

- 1. "Hedge Fund Manager Skills and Style-Shifting" (with George Jiang and Huacheng Zhang), 2021, *Management Science* 68, No. 3.
- 2. "Are Mutual Fund Manager Skills Transferable to Private Funds?" (With Ying Huang and Kai Wu), 2021, *International Review of Economics and Finance* 76, 614-638.
- 3. "Hedge Fund Leverage: 2002-2017" (with Liping Qiu), 2019, *European Financial Management* 25, 908-941.

- 4. "The Role of Hedge Funds in the Price Formation Process" (with Charles Cao, Yong Chen, and William Goetzmann), 2018, *The Financial Analysts Journal* 74, 54-68. Awarded the FAJ's Graham-Dodd Scroll Award of 2018.
- 5. "Hedge Fund Holdings and Stock Market Efficiency" (with Charles Cao, Andrew Lo, and Lubomir Petrasek), 2018, *Review of Asset Pricing Studies* 8, 77-116.
- 6. "Liquidity Costs, Return Smoothing, and Investor Flows: Evidence from a Separate Account Platform" (with Charles Cao, Grant Farnsworth, and Andrew Lo), 2016, *Management Science*, 1-18.
- 7. "What Is the Nature of Hedge Fund Manager Skills? Evidence from the Risk Arbitrage Strategy" (with Charles Cao, Bradley Goldie, and Lubomir Petrasek), 2016, *Journal of Financial and Quantitative Analysis* 51, 929-957.
- 8. "Onshore and Offshore Hedge Funds: Are They Twins?" (With George Aragon and Hyuna Park), 2014. Received the best paper award at the 2007 China International Conference in Finance. *Management Science* 60, 74-91.
- 9. "Can Hedge Funds Time Market Liquidity?" (With Charles Cao, Yong Chen, and Andrew Lo), 2013. Supported by a grant from the Q-Group. *Journal of Financial Economics* 109, 493-51.
- 10. "Trust and Delegation" (with Stephen Brown, Will Goetzmann, and Chris Schwarz), 2012, *Journal of Financial Economics* 103, 221-234. Lead article.
- 11. "Asset Allocation Dynamics in the Hedge Fund Industry" (with Li Cai), 2012, *Journal of Investment Management* 10, 35-39.
- 12. "On the Dynamics of Hedge Fund Strategies" (with Li Cai), 2012, *Journal of Alternative Investments* 14, 51-68.
- 13. "Predicting Hedge Fund Failure: A Comparison of Risk Measures" (with Hyuna Park), 2010, *Journal of Financial and Quantitative Analysis* 45, 199-222. Featured in Risk Management Research Report (RMRR) as one of the most important scholarly articles in risk management published.
- 14. "Estimating Operational Risk for Hedge Funds: The @ Score" (with Stephen Brown, Will Goetzmann, and Chris Schwarz), 2009, *Financial Analysts Journal* 65, 43-53. Awarded the FAJ Graham and Dodd Awards of Excellence in 2009.
- 15. "Mandatory Disclosure and Operational Risk: Evidence from Hedge Fund Registration" (with Stephen Brown, Will Goetzmann, and Chris Schwarz), 2008, *Journal of Finance* 63, 2785-2815. Part of the testimony given before a Hearing of the U.S. Congress House Financial Services Committee on Hedge Funds and Systemic Risk, March 13, 2007.

- 16. "Do Market Timing Hedge Funds Time the Market?" (With Yong Chen), December 2007, 827-856, *Journal of Financial and Quantitative Analysis* 42 (invited).
- 17. "Hedge Fund Due Diligence: A Source of Alpha in a Hedge Fund Portfolio Strategy" (with Stephen Brown and Tom Fraser), 2008, *Journal of Investment Management* 6, 23-33.
- 18. "Value at Risk and the Cross-Section of Hedge Fund Returns" (with Turan Bali and Suleyman Gokcan), an invited paper by Inquire Europe fall seminar, 2005. April 2007, 1135-1166, *Journal of Banking and Finance* 31(invited).
- 19. "Risk Measures for Hedge Funds: A Cross-Sectional Approach" (with Hyuna Park), March 2007, 333-370, *European Financial Management* (invited).
- 20. "Do Hedge Funds Have Enough Capital? A Value at Risk Approach" (with Anurag Gupta). *Journal of Financial Economics* 77, 219-253, July 2005.
- 21. "Fees on Fees in Funds of Funds" (with Stephen Brown and William Goetzmann). *Journal of Investment Management* 2, 39-56, Fourth Quarter 2004.
- 22. "Alternative Investments: CTAs, Hedge Funds, and Funds of Funds". *Journal of Investment Management* 2, 76-93, Fourth Quarter 2004.
- 23. "The Accuracy of Hedge Fund Returns". *Journal of Portfolio Management* 29 (invited), 111-122, Spring 2003. Part of the testimony given before a Hearing at the SEC's Roundtable on Hedge Funds, May 14-15, 2003. Posted on the SEC's website.
- 24. "Hedge Fund Performance: 1990-1999". *Financial Analysts Journal* 57 (invited), 11-18, Jan./Feb. 2001.
- 25. "Hedge Funds: The Living and the Dead". *Journal of Financial and Quantitative Analysis* 35 (invited), 309-326, September 2000.
- 26. "Portfolio Formation, Measurement Errors, and Beta Shifts: A Random Sampling Approach". *The Journal of Financial Research* 23, 261-284, Fall 2000.
- 27. "Do All-stars Shine? An Evaluation of Analysts' Recommendations" (with Hemang Desai and Ajai Singh). *Financial Analysts Journal* 56, 20-29, May/June 2000.
- 28. "On the Performance of Hedge Funds". *Financial Analysts Journal* 55, 72-85, July/Aug. 1999. This paper has been included in *the International Library of Critical Writings in Financial Economics* (Editor: Richard Roll, UCLA).
- 29. "Price Pressure: Evidence from the 'Dartboard' Column". *The Journal of Business* 72, 119-134, January 1999.

OTHER PUBLICATION

"Understanding, Improving and Applying the Theory of Expenditure System," *Statistical Research*, No.1, 52-64, 1989.

WORKING PAPERS

- 1. "Share Restrictions and Investor Flows in the Hedge Fund Industry" (with Chris Schwarz, Mila Getmansky Sherman, and Russ Wermers). Supported by a grant from the Q-Group.
- 2. "Liquidity Characteristics of Market Anomalies and Institutional Trading" (with Charles Cao, Tong Yao, and Andrew Zhang).
- 3. "Strength of Performance-Based Compensation: Evidence from Hedge Fund Closing and Reopening Events" (with Chris Schwarz).
- 4. "Hedge Fund Returns: Believe It or Not?" (With Liping Qiu).
- 5. "The Economic Consequences of Mutual Fund Advisory Misconduct" (with Yuying Sun and Kai Wu).
- 6. "Mutual Fund Carbon Risk Exposure" (with Huan Kuang).
- 7. "Climate-related Innovations: Economic Value and Risk Mitigation" (with Huan Kuang).
- 8. "Managerial Structure in the Hedge Fund Industry" (with Yuhao Chen and Huan Kuang)

BOOK CHAPTER

- 1. "On the Performance of Hedge Funds", *Investment Performance Measurement*, The CFA Institute, 2009.
- 2. "Hedge Funds: Characteristics, Performance Measures, Indices of", *Encyclopedia of Quantitative Finance*. John Wiley & Sons, 2010.
- 3. "Alternative Investments: CTAs, Hedge Funds, and Funds of Funds". *Foundation of Managed Derivatives*, McGraw Hill, forthcoming.
- 4. "Alternative Investments: CTAs, Hedge Funds, and Funds of Funds". World of Hedge Funds, World Scientific Publishing, 2005.
- 5. "Fees on Fees in Funds of Funds". *Handbuch Alternative Investments*, Band 1, Gabler, 2006.
- 6. "Hedge Funds and Asian Financial Crisis". *The Asian Financial Crisis and Taiwan's Economy*, China Economics Press, 2000.

INVITED PRESENTATIONS

University of Birmingham-Dubai, November 2022

University of Oregon, November 2022

The University of Iowa, October 2012, April 2022

Washington State University, November 2019

The Chinese University of Hong Kong, December 2018

National Taiwan University, December 2018

Nankai University, November 2018

University of Nevada Las Vegas, November 2018

Rutgers University, April 2017

Portuguese Catholic University Lisbon, March 2017

Johns Hopkins University, March 2016

DePaul University, January 2016

UC Davis, December 2015

University of Georgia, October 2015

Case Western Reserve University, March 1995, October 2015

Texas Christian University, September 2015

Hong Kong University of Science and Technology, June 1999, December 2006, July 2015

Hong Kong Polytechnic University, July 2015

Cheung Kong Graduate School of Business, June 2015

University of Central Florida, April 2015

Louisiana State University, Feb. 2015

University of New South Wales, June 2014

University of Sydney, June 2014

University of Melbourne, June 2014

University of Technology, Sydney, June 2014

Imperial College, May 2014

Warwick University, May 2014, May 2004

Cambridge University, May 2014

University of Connecticut, March 2016, May 2014, October 2010

Georgetown University, May 2014

UC Irvine, April 2014

Texas A&M University, April 2014

Bentley University, Feb. 2014

Peking University, Jan. 2014

Southwestern University of Finance and Economics, Nov. 2013

Korea University, Dec. 2012

KAIST, Dec. 2012

Lehigh University, Nov. 2012

The National Taiwan University, May 2012

The National Cheung Kung University, May 2012

Yale University, November 2010

Penn State University, November 2010

University of Rhode Island, October 2010

Cheung Kong GSB, July 2010

Shanghai Jiao Tong University, July 2010

Baruch College, March 2010

GAIM Ops Cayman Ops, March 2010 (Keynote)

University at Buffalo SUNY, December 2009

The 9th Alternative Investment Conference (Keynote), December 2009

Oxford-Man Institute, October, May 2009

University of Amsterdam, October 2008

Koc University, March 2008

Society of Quantitative Analysts, January 2008

The BSI Gamma Foundation Conference, November 2007

The Hedge Fund General Counsel Summit, September 2007

SUNY Binghamton, September 2007

INQUIRE UK/Europe Spring Seminar, March 2007

Singapore Management University, December 2006

National Sun Yat-Sen University, December 2006

Babson College, November 2006

The University of Amsterdam, July 2006 (2nd Annual Empirical Asset Pricing retreat)

SUNY-Albany, April 2006

INQUIRE Europe Fall Seminar, October 2005

University of Vienna, October 2005

World Hedge Funds Summit, Canada, October 2005 (Keynote)

The 2nd International Conference on Hedge Funds, University of Quebec, Oct. 2005

Chinese Finance Association Meeting, September 2005

Institutional Investor's Seminar on Hedge Funds, November 2004

European Alternative & Institutional Investing Summit, October 2004

INQUIRE UK Autumn Seminar, September 2004

London School of Economics, May 2004

The 3rd Annual Alternative Investment Conference, University of Western Ontario,

November 2003 (Keynote)

The Q-Group Fall Seminar, October 2003

Wharton Financial Institutions Center, May 2003

University of Massachusetts, Amherst, March 2003

Virginia Tech, December 2001

George Washington University, November 2001

University of Massachusetts-Boston, February 1995

PRESENTATIONS AT PROFESSIONAL MEETINGS

Southern Finance Association Annual Meeting, November 2022

5th World Symposium in Investment Research, May 2022

Spanish Finance Association Meeting, June 2021

China Financial Research Conference, July 2019

ARIMAC Annual Conference, November 2018 (Keynote)

American Finance Association Meetings, Jan. 2013, Jan. 2015, Jan. 2016

International Risk Management Conference, June 2014 (Keynote)

Asian Finance Association Meeting, July 2012

China International Conference in Finance, 2004, 2007-2009, 2011, 2013, 2017

FIRS Conference, May 2009, June 2011, June 2013

JOIM Fall 2008 Conference, October 2008

Asian Finance Association/Nippon Finance Association Meeting, July 2008

The Financial Intermediation Research Society Meeting, June 2008

Western Finance Association Meetings, June 1996, June 2003, June 2007

Chinese Finance Association Meeting, Sept. 2005

CISDM Annual Conference, 2003, 2004, 2005

European Finance Association Meeting, 2003, 2005, 2014 (Keynote)

CISDM London Conference, May 2004

Multinational Society Meeting, July 2002

European FMA Meeting, June 1999, June 2000, July 2006

Financial Management Association Meeting, 1995, 1996, 1998-2001

FMA International Meetings, May 1997, May 1998, June 1999, May 2000,

May 2001, June 2002

National Economic Research Associates, Inc., February 1995

TEACHING EXPERIENCES

University of Massachusetts Amherst (2003-present)

Investments (Undergraduate)

Capital Markets and Institutions (Undergraduate)

International Finance (Undergraduate)

Personal Finance (Undergraduate)

Advanced Investments (Undergraduate)

Hedge Funds (MF)

Financial Analysis and Decisions (MBA)

Empirical Financial Economics (PhD)

Finance Seminar (PhD)

Case Western Reserve University (1995-2003)

Financial Management I (MBA)

Corporate Finance (Undergraduate)

Global Management (MBA)

Investment Management (MBA)

STUDENT SUPERVISION

Dissertation Chair

Yuhao Chen, Fall 2018-2022 (Placed: Minnesota State University)

Huan Kuang, Fall 2017-2022 (Placed: Bryant University)

Zheyuan Hu, Fall 2016-2019 (Placed: PwC)

Youhui Zhang, Fall 2011-2015 (Placed: Grove City College)

Liping Qiu, Fall 2010-2014 (Placed: University of Connecticut)

Li Cai, Fall 2008-2010 (Placed: Illinois Institute of Technology)

Gong Zhan, Fall 2007-2011 (Placed: Fudan University)

Chris Schwarz, Fall 2005-2008 (Placed: UC-Irvine)

Hyuna Park, Fall 2004-2007 (Placed: Minnesota State University)

Doctoral Committee

Satya Das, 2022-present

Raju Gholap, 2021-present

Rachel Koh, 2016-2018

Xiaohui Yang, 2014-2016

Chi Zhang, 2013-2016

Jian Du, 2010-2012

Shuang Feng, Spring 2010-2011

Roger Silvers, Fall 2011-2012

Min Xu, Spring 2009-2010

James Ma, Fall 2006-2008

Rosemond Desir, Summer 2007-2008

Hsiu-Lien Lu, Fall 2005-Summer 2007

Qian Bu, 2005-2006

Bhaswar Gupta, Fall 2003-Spring 2005

Ying Li, Fall 2004-2006

Jia Wang, Spring 2005-2007

Mira Weiss, 2000-2002, Case Western Reserve University

UNIVERSITY, SCHOOL, AND DEPARTMENT SERVICE

University

Provost's Advisory Council (PAC), 2016-2017

Graduate Fellowship Committee, 2007-2013

Graduate Council, 2007-2010

Academic Matters Council. 2006

Art Council, 2005-2007

Faculty Panelist, the New Faculty Orientation Program, 2004

School

Research Committee, 2016-present

Teaching Award Committee, 2015, 2016

Personnel Committee, 2014-present

PhD Curriculum Committee, 2004-2010, 2015-present

Undergraduate Curriculum and Policy Committee, 2004-2010

Curriculum Committee, 2003-2004

Assessment of Learning Taskforce, 2013

Scholarship Task Force, 2005

Chair, International Strategy Task Force, Weatherhead School of Management, 2000

Department

Faculty Director, Master of Finance in Alternative Investments, 2018-2022

Faculty Advisor for the Undergraduate Finance Society, 2014-2010

Curriculum Coordinator, 2015-present

Strategic Planning Committee, 2015-present

Personnel Committee, Chair, 2021-2022 Recruiting Committee, Chair, 2003-2004 Area Coordinator for the PhD Program, 2004-2010, 2015-2016

PROFESSIONAL SERVICE

Editorship: Editor: Journal of Alternative Investments, 2013-present Guest Editor: European Financial Management 13, March 2007 Associate Editor: Journal of Investment Management, 2004-present Associate Editor: Asia-Pacific Journal of Financial Studies, 2010-2011 Editorial Advisory Board: Journal of Investment Consulting, 2010-present

Editorial Board: *European Financial Management*, 2007-present Editorial Board: *Journal of Alternative Investments*, 2004-2013

Ad Hoc Referee

Journal of Finance, Review of Financial Studies, Management Science, Journal of Financial and Quantitative Analysis, Review of Asset Pricing Studies, Review of Finance, Journal of Financial Intermediation, Journal of Banking and Finance, Financial Management, Journal of Empirical Finance, Journal of Corporate Finance, Journal of Financial Econometrics, Journal of Comparative Economics, Journal of Financial Services Research, Financial Analysts Journal, Journal of Risk, Journal of Futures Markets, Journal of Financial Research, Financial Review, Journal of Investment Management, Journal of Portfolio Management, European Financial Management, Journal of Alternative Investments, Quantitative Finance, Journal of Investment Consulting, Pacific-Basin Finance Journal, China Economic Review, Asia-Pacific Journal of Financial Studies, Finance Research Letters

External Examiner/Grant Reviewer

Research Grants Council of Hong Kong, 2017, 2018 Economic & Social Research Council (ESRC), UK, 2009 Social Science and Humanities Research Council of Canada (SSHRC), 2007, 2009 McGill University

Invited SEC Panelist

The SEC's Roundtable on Hedge Funds, May 14 and 15, 2003

Program Chair

Program Co-Chair, China International Conference in Finance, 2013

Program Committee

Western Finance Association Meetings, 2006-2021
American Finance Association Meetings, 2012, 2016
European Finance Association Meeting, 2006- 2009, 2015, 2017-2023
China International Conference in Finance, 2007- 2021
Conference on Professional Asset Management in Rotterdam, 2015-2019
European Financial Management Symposium on Alternative Investments, 2011
The Financial Intermediation Research Society Meeting, 2008, 2010-2022

Young Scholars Finance Consortium, 2020-2022

Asian Finance Association Conference, 2008, 2009, 2010

Conference on Financial Intermediation, 2008

Conference on Financial Intermediation and Regulation, 2008

European Financial Management Association Meetings, 2006, 2007, 2017

Financial Management Association Meetings, 1998-2005

Multinational Finance Society Meeting, 2002

Midwest Finance Association Meeting, 2002, 2016

Financial Management Association International Meetings, 1999, 2001, 2013

Session Chair

American Finance Association, 2012, 2016

Western Finance Association Meetings, 2009

China International Conference in Finance, 2007-2012, 2014, 2015, 2017-2021

Asian Finance Association Meetings, 2010

The Financial Intermediation Research Society Meeting (FIRS), 2008, 2009, 2022

Asian Finance Association/Nippon Finance Association Conference, 2008

European Finance Association Meeting, 2005

Financial Management Association Meetings, 1997-2000

Discussant

8th Annual Conference on Financial Market Regulation, May 2021

China International Conference in Finance, July 2018

SFS Cavalcade North America, May 2018

American Finance Association, January 2018, January 2012

Summer Institute of Finance (SIF) Conference, July 2011

Oxford-Man Hedge Fund Conference, October 2011

Institutional Investor Conference, UT-Austin, October 2010

Asian Finance Association Meetings, 2010

American Finance Association Meetings, 2009

The Financial Intermediation Research Society Meeting, 2008, 2009

European Finance Association Meetings, 2003, 2005

Western Finance Association Meeting, 2002, 2008

Financial Management Association International Meetings, 1997-2000

Financial Management Association Meetings, 1995-1997

Consulting

EnTrust Capital Inc., Senior Risk Advisor, 2006-2014

Analysis Group, Inc. Expert

Pacific American Foundation, Curriculum Committee Member

ARIMAC, Executive Board Member, 2004-present

Book Reviewer

"Corporate Finance: Theory and Practice" by Aswath Damodaran,

John Wiley and Sons

"Investment" by Charles Jones, 7th edition, John Wiley and Sons

"Fundamentals of Corporate Finance", by Brealey/Myers/Marcus 4/e,

Irwin/McGraw- Hill

"Hedge Funds: Insights in Performance Measurement, Risk Analysis, and Portfolio Allocation" (Wiley Finance), by Greg N. Gregoriou, et al.

MEDIA APPEARANCES

Financial Times, October 14, 2009

Financial Times (Deutschland), October 14, 2009

The New Yorker, July 2, 2007

Amherst Bulletin, September 16, 2005

The Wall Street Journal, April 27, 2005, March 25, 2003, July 25, 2000, July 10, 1996

Registered Rep, March 1, 2005

The Economist, February 17, 2005

Forbes, May 24, 2004, June 14, 1999

Dow Jones Newswire, April 23, 2004, May 14, 2003, May 2, 2001

Federal Register 68, No. 195, October 8, 2003

The SEC Staff Report, September 2003

The Boston Globe, March 27, 2003

Financial Times, May 5, 2001

WEWS-TV (ABC) Channel Five, April 4, 2001

Bloomberg News, October 19, 2000

The Voice of America, September 19, 2000, August 24, 2000,

Barron's, September 4, 2000

Business Week, April 3, 2000

Radio Free Asia, November 17, 1999

November 12, 1999, November 24, 1998

The Plain Dealer, January 21, 1999