

CURRICULUM VITAE**Name:** RALPH J. FAUDREE **Department:** MATHEMATICAL SCIENCES**EDUCATION**

DEGREES	DISCIPLINE	INSTITUTION	YEAR
Ph.D	Mathematics	Purdue	1964
M.S.	Mathematics	Purdue	1963
B.S..	Mathematics and Physics	Oklahoma Baptist University	1961

EXPERIENCE

RANK/POSITION	DEPARTMENT/DIVISION	INSTITUTION/COMPANY/ORGANIZATION	PERIOD
Provost	Office of Provost	University of Memphis	2001-??
Interim President	Office of President	University of Memphis	2000-01
Dean	College of Arts and Sciences	University of Memphis	1995 - 2000
Chair	Department of Math. Sciences	University of Memphis	1983-94
Professor	Department of Math. Sciences	University of Memphis	1976-
Visiting Professor		University of Twente, Enschede, The Netherlands	1991
Visiting Professor	Department of Mathematics	University of Aberdeen, Aberdeen, Scotland	1991
Visiting Researcher	CNRS	University of Paris, Orsay, France	1991
Visiting Professor	Department of Mathematics	University of Singapore, Singapore	1991
Visiting Researcher	Mathematical Institute, Computer & Automation Ins.	Hungarian Academy of Sciences, Budapest	1990
Visiting Researcher	Mathematical Institute	Hungarian Academy of Sciences, Budapest	1981
Visiting Professor	Department of Mathematics	University of Aberdeen, Aberdeen, Scotland	1980
Associate Professor	Department of Mathematics	Memphis State University	1971-76
Assistant Professor	Department of Mathematics	University of Illinois	1966-71
Instructor	Department of Mathematics	University of California, Berkeley	1964-66

HONORS/AWARDS

HONOR/AWARD	INSTITUTION/COMPANY/ORGANIZATION	YEAR
Distinguished Research Award	Memphis State University	1978
Superior Performance in Research Award	Memphis State University	1986, 88-90, 92-93
Meritorious Faculty Award	Memphis State University	1991
Board of Visitors Eminent Faculty Award	University of Memphis	1994
Euler Medal	Institute of Combinatorics and Its Applications	2005
Hall of Fame	Atoka High School	2008

TEACHING EXPERIENCE

SUBJECT	INSTITUTION
Undergraduate: Mathematics for Liberal Arts Majors, Intermediate Algebra, College Algebra, Trigonometry, Experiences in Mathematics, Elementary Calculus, Discrete Mathematics, Calculus I, II, III, Honors Mathematics, Differential Equations	University of Memphis
Undergraduate: Elementary Geometry, Projective Geometry, Advanced Calculus, Matrix Algebra, Applied Modern Algebra, Applied Graph Theory, Computer Programming, Topology, Real Analysis, Linear Algebra, Abstract Algebra,	University of Memphis
Graduate: Algebraic Coding Theory, Graphical Algorithms, Design and Analysis of Algorithms, Mathematical Foundations of Computer Science, Hamiltonian Theory of Graphs, Graphical Ramsey Theory	University of Memphis
Graduate: Theory of Semi-Groups, Applied Graph Theory, Combinatorics, Graph Theory, Theory of Groups, Algebraic Theory I, II, Linear Algebra, Ring Theory, Field Theory, Set Theory	University of Memphis

Undergraduate: Elementary Calculus, Calculus I, II, III, Honors Mathematics, Projective
 Geometry, Applied Modern Algebra, Linear Algebra, Abstract Algebra, Graduate: Theory University of Illinois
 of Groups, Algebraic Theory I, II, Linear Algebra,
 Undergraduate: Calculus I, II, Projective Geometry, Linear Algebra, Abstract Algebra, University of
 Graduate: Theory of Rings, Algebraic Theory I, II, California at Berkeley

STUDENT ADVISING/MENTORING

CURRENT DEGREE	NAME	YEAR OF GRADUATION
Undergraduate		
Masters		

Books Published

Proceedings of a Conference on Combinatorics, Memphis State Univ., 1972 (editors: R. J. Faudree, C. C. Rousseau, and R.H.Schelp)

Book Reviews

R. J. Faudree, **Ramsey Theory** by R. L. Graham, B. L. Rothschild, and J. H. Spencer, **Proc. Amer. Math. Soc.**, 1981,

R. J. Faudree, Extremal **Paths in Graphs** by Ulrich Huckenbeck, **Zentralblatt**, 1987

R. J. Faudree, Erdos **on Graphs** by R. L. Graham and Fan Chung, **Zentralblatt**, 1998

R. J. Faudree, **Modern Graph Theory** by B. Bollobas, **Zentralblatt**, 1999

Refereed Journal Publications

[1] R. J. Faudree, *Subgroups of the Multiplicative Group of a Division Ring*, **Proc. Amer. Math. Soc.** 124 (1966), 41-48.

[2] R. J. Faudree, *Embedding Theorems for Ascending Nilpotent Groups*, **Proc. Amer. Math. Soc.** 18 (1967), 148-154.

[3] R. J. Faudree, *Automorphism Groups of Finite Subgroups of Division Rings*, **Pacific J. Math.** 26 (1968), 59-65.

[4] R. J. Faudree, *A Note on the Automorphism Group of a p-Group*, **Proc. Amer. Math. Soc.** 19 (1968), 1379-1382.

[5] R. J. Faudree, *Locally Finite and Solvable Subgroups of Sfields*, **Proc. Amer. Math. Soc.** 22 (1969), 407-413.

[6] R. J. Faudree, *Regular Metabelian Groups of Prime-Power Order*, **Bull. Austral. Math. Soc.** 3 (1970), 49-54.

[7] R. J. Faudree, *Groups in which each Element Commutes with its Endomorphic Images*, **Proc. Amer. Math. Soc.** 27 (1971), 236-250.

[8] R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *Theory of Path Length Distribution I*, **Discrete Math.** 6 (1973), 35-52.

- [9] R. J. Faudree and R. H. Schelp, *A Solved and Unsolved Graph Coloring Problem*, **SIAM Review** 15 (1973), 377-380.
- [10] R. J. Faudree and R. H. Schelp, *Ramsey Type Results*, **Colloquia Math. Soc. Janos Bolyai** 10 (1973), 657-665.
- [11] R. J. Faudree and R. H. Schelp, *Path Connected Graphs*, **Acta Mathematica Scientiarum Hungaricae** 25 (1974), 313-319.
- [12] R. J. Faudree and R. H. Schelp, *All Ramsey Numbers for Cycles in Graphs*, **Discrete Math.** 8 (1974), 313-329.
- [13] R. J. Faudree, S. L. Lawrence, T. D. Parsons, and R. H. Schelp, *Path-Cycle Ramsey Numbers*, **Discrete Math.** 19 (1974), 313-329.
- [14] R. J. Faudree and R. H. Schelp *Path-Path Ramsey Type Numbers for the Complete Bipartite Graph*, **J. of Comb. Theory B** 19 (1975), 150-160.
- [15] R. J. Faudree and R. H. Schelp, *Path Ramsey Numbers in Multicolorings*, **J. of Comb. Theory B** 19 (1975), 161-173.
- [16] R. J. Faudree and R. H. Schelp, *The Entire Graph of a Bridgeless Connected Plane Graph is Panconnected*, **J. of Lond. Math. Soc.** 12 (1975), 59-66.
- [17] R. J. Faudree and R. H. Schelp, *The Square of a Block is Strongly Path Connected*, **J. of Comb. Theory B** 20 (1976), 47-61.
- [18] P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp *Generalized Ramsey Theory for Multiple Colors*, **J. of Comb. Theory B** 20 (1976), 250-264.
- [19] R. J. Faudree and R. H. Schelp, *Ramsey Numbers for all Linear Forests*, **Discrete Math.** 16 (1976), 149-155.
- [20] R. J. Faudree and R. H. Schelp, *Connected Ramsey Numbers for Paths and Stars*, **Colloquia Math. Soc. Janos Bolyai** 18 (1976), 307-313.
- [21] P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *Cycle-Complete Graph Ramsey Numbers*, **J. of Graph Theory** 2 (1978), 53-64.
- [22] P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *The Size Ramsey Number, A New Concept in Generalized Ramsey Theory*, **Periodica Mathematica Hungarica** 9 (1978), 145-161.
- [23] R. J. Faudree and R. H. Schelp, *Some Connected Ramsey Numbers*, **J. of Graph Theory** 2 (1978), 119-128.
- [24] R. J. Faudree and R. H. Schelp, *Some Problems in Ramsey Theory*, **Springer-Verlag Lecture Series** 642 (1978), 500-515.
- [25] R. J. Faudree and R. H. Schelp, *Various Lengths Paths in Graphs*, **Springer-Verlag Lecture Series** 642 (1978), 160-173.
- [26] S. A. Burr, P. Erdos, R. J. Faudree C. C. Rousseau, and R. H. Schelp, *Ramsey Minimal Graphs for Multiple Copies*, **Proc.**

- [27] R. J. Faudree, C. C. Rousseau, R. H. Schelp and S. Schuster, *Panaboreal Graphs*, **Israel J. of Math.** 135(3), (1980), 177-185.
- [28] R. J. Faudree, J. Sheehan and R. H. Schelp, *Ramsey Numbers for Matchings*, **Discrete Math.** 32 (1980), 105-123.
- [29] S. A. Burr, P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *An Extremal Problem in Generalized Ramsey Theory*, **Ars. Combinatoria** 10 (1980), 193-203.
- [30] R. J. Faudree, C. C. Rousseau and R. H. Schelp, *All Triangle-Graph Ramsey Numbers for Connected Graphs of Order Six*, **J. of Graph Theory** 4 (1980), 293-300.
- [31] S. A. Burr, P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *Ramsey Minimal Graphs for the Pair Star - Connected Connected Graphs*, **Studia Scient. Math. Hungar.** 15 (1980), 265-273.
- [32] R. J. Faudree, C. C. Rousseau, R. H. Schelp and S. Schuster, *Embedding Graphs in Their Complements*, **Czech. Math. J.** 31(106) (1981), 53-62.
- [33] S. A. Burr, P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *Ramsey Minimal Graphs for Star Forests*, **Discrete Math.** 33 (1981), 227-237.
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- [37] R. J. Faudree and P. Erdos, *Size Ramsey Numbers Involving Matchings*, **Colloquia Mathematica Societatis Janos Bolyai** 37 (1981), 247-264.
- [38] S. A. Burr, P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *Ramsey Minimal Graphs for Forests*, **Discrete Math.** 38 (1982), 23-32.
- [39] S. A. Burr, P. Erdos, R. J. Faudree, C. C. Rousseau, and R. H. Schelp, *Ramsey Numbers for the Pair Sparse Graph-Path or Cycle*, **Trans. Amer. Math. Soc.** 2 (269) (1982), 501-512.
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- [41] R. J. Faudree, C. C. Rousseau and J. Sheehan, *Strongly Regular Graphs and Finite Ramsey Theory*, **Linear Algebra and its Applications** 46 (1982), 221-241
- [42] R. Faudree and J. Sheehan, *Size Ramsey Numbers Involving Stars*, **Discrete Math.** 46 (1983), 151-157.)
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- [55] S. A. Burr, P. Erdos, R. J. Faudree, R. Gould, M. Jacobson, C. C. Rousseau and R. H. Schelp, *Goodness of Trees for Generalized Books*, Graphs and Combinatorics 3 (1987), 1-6.
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- [78] R. J. Faudree, M. S. Jacobson, J. Lehel, and R. H. Schelp, *Irregular Networks, Regular Graphs and Integer Matrices with Distinct Row and Column Sums*, **Discrete Math.** 76 (1989), 223-240.

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- [104] R. J. Faudree, A. Gyarfás, and J. Lehel, *Three-Regular Path Pairable Graphs*, **Graphs and Combinatorics** 8, (1992), 45-52.
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Claw-Free Graphs - Survey, Seventh Cumberland Combinatorial Conference, Huntsville, Alabama (1994)

Hamiltonian Properties in Claw-Free Graphs - Survey, Ninth Clemson mini-Conference on Combinatorics, Clemson, South Carolina (1994)

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On k -Ordered Graphs, Fifth Czech-Slovak Internatinal Conference on Combinatorics, Graph Theory, Algorithms and Applications, Prague, Czech Republic (1998)

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Problems on Paths and Cycles in Graphs, Summer 2001 Workshop on Graphs and Combinatorial Designs, Honolulu, Hawaii. (2001)

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Turan Type Extremal Problems and Ramsey Theory, Regional Meeting of the AMS, Special Session in Graph Theory, Manhattan, Kansas (1990)

Representations of Paths in Graphs, Third Cumberland Conference on Graph Algorithms and Combinatorics, Louisville, Kentucky (1990)

Vertices on Odd Cycles, Second Danish Conference on Graph Theory to Honor Petersen, Middlefart, Denmark (1990)

Extremal Problems and Generalized Degrees, Second International Japan Conference on Graph Theory, Hakone, Japan (1990)

Turan Type Extremal Problems and Ramsey Theory, Ramsey Theory Conference, University of Bielefeld, Bielefeld, Germany (1990)

Path Pairable Graphs, Regional Meeting of the American Mathematical Society, North Dakota State University, Fargo, North Dakota (1991)

Properties of Paired Graphs, Fifth Cumberland Conference on Graph Algorithms and Combinatorics, Johnson City, Tennessee (1992)

The Spectrum of a Graph, Sixth International Conference on the Theory and Applications of Graph Theory, Kalamazoo (1992)

Monochromatic Spanning Trees in 2-Colored Graphs, Regional Meeting of the American Mathematical Society, Howard University, Washington, D.C. (1993)

Some Strong Variations of Connectivity, International Conference - Paul Erdős is Eighty, Keszthely, Hungary (1993)

Forbidden Subgraphs and Hamiltonian Properties, Regional Meeting of the American Mathematical Society, University of Kentucky, Lexington, Ky. (1994)

Hamiltonian Properties in Claw-free Graphs, Special Session at the National Meeting of the American Mathematical Society, San Francisco, Ca. (1995)

Erdős and Graphical Ramsey Theory, Erdős Memorial Conference, Budapest, Hungary (1996)

Extremal Problems for Cycles, International Colloquium on Extremal Graphs, Balatonlelle, Hungary (1997)

Coloring Complete Graphs, Special Session on Combinatorics and Graph Theory, Regional Meeting of the American Mathematical Society, Louisville, Ky. (1998)

$r(C_4, C_4, C_4) = 17$, Twelfth Cumberland Conference, Johnson City, Tn. (1998)

Anti-Ramsey Colorings in Several Rounds, ACCOTA Meeting, Oaxaca, Mexico (1998)

Anti-Ramsey Colorings in Several Rounds, Special Session of Winter Meeting of the Canadian Mathematical Society, Kingston, Ontario, Canada. (1998)

2-Factors Containing Specified Edges, Special Session on Combinatorics and Graph Theory, Regional Meeting of the American Mathematical Society, Urbana, Illinois (1999)

Generalizations of Results of Dirac and Ore, Mini-Conference associated with the Erdos Memorial Lecture Series, University of Memphis, Memphis, Tennessee (1999)

Minimum Degree Conditions and k -Ordered Graphs, Twelfth Cumberland Conference on Combinatorics and Graphs Theory, Louisville, Kentucky (1999)

Two Generalized Ramsey Conjectures of Erdos, Paul Erdos and his Mathematics Conference, Budapest, Hungary (1999)

Fragile Graphs, Special Session on Combinatorics and Graph Theory, Regional Meeting of the American Mathematical Society, Lafayette, Louisiana (2000)

Degenerate Extremal Problems, Ninth Quadrennial International Conference on the Theory and Applications of Graph Theory, Kalamazoo (2001)

Extremal Problems Involving Cycles, Workshop, Novosibirsk Mathematical Institute, Novosibirsk, Siberia, Russia (2001)

On Local and Global Independence Numbers of a Graph, Special Session on Combinatorics and Graph Theory, Regional Meeting of the American Mathematical Society, Las Vegas, Nevada (2001)

Forbidden Subgraphs the Imply 2-Factors, Special Session on Combinatorics and Graph Theory, Regional Meeting of the American Mathematical Society, Chattanooga, Tennessee (2002)

Extremal Problems Involving Cycles, Workshop, Novosibirsk Mathematical Institute, Novosibirsk, Siberia, Russia (2003)

On Variations of Pancyclic Graphs, Fifteenth Cumberland Combinatorial Conference, Oxford, Mississippi (2003)

Forbidden Subgraphs Implying 2-Factors in Graphs, Special Session on Graph Theory at Regional Meeting of the Amer. Math. Soc., Bloomington, Indiana (2003)

Forbidden Subgraphs Implying 2-Factors in Graphs, Sixteenth Cumberland Conference, Georgia State University, Atlanta, Georgia (2003)

Generalizing Pancyclic and k -ordered Graphs, Bollob'as Conference, Trinity College, Cambridge University, Cambridge, England (2004)

Forbidden Subgraphs Implying 2-Factors with k Components, Special Session on Graph Theory at Regional Meeting of the Amer. Math. Soc., University of Colorado, Bolder, Colorado (2004)

Forbidden Subgraphs Implying 2-Factors with a Specified Number of Components, Seventeenth Cumberland Combinatorial Conference, Murfreesboro, Tennessee (2004)

Generalizing Pancyclic and k -ordered Graphs, Discrete Math. Conference, Society for Industrial and Applied Math., Nashville, Tennessee (2005)

Hamiltonian Graphs and Linear Forests, Regional Meeting of the Amer. Math. Soc. Vanderbilt University, Nashville, Tennessee (2005)

Forbidden Subgraphs Implying 2-Factors in Graphs, Special Session on Graph Theory at National Meeting of the Amer. Math. Soc., Atlanta, Georgia. (2005)

Hamiltonian Graphs Containing Ordered Linear Forest, Nineteenth Cumberland Combinatorial Conference, Johnson, Tennessee (2006)

Hamiltonian Graphs Containing Ordered Linear Forest, SIAM Conference on Discrete Math., Victoria, British Columbia, Canada (2006)

Graphs Containing Hamiltonian Cycles with Uniformly Distributed Vertices and Edges, Special Session on Graph Theory at the Regional Meeting of the American Mathematical Society, Fayetteville, Arkansas (2006)

Linear Forests, k -ordered, and Pancyclic Graphs, Special Session on Graph Theory at the Regional Meeting of the American Mathematical Society, Miami of Ohio, Oxford, Ohio (2007)

Linear Forests, k -ordered, and Pancyclic Graphs, 11th Erdos Memorial Lecture Series, University of Memphis, Memphis (2007)

Chvatal - Erdos Type Theorems, 31st SIAM Southeastern-Atlantic Section Meeting - Discrete Mathematics Special Section, Memphis, Tennessee (2007)

Monochromatic Cycles in Edge Colored Graphs, Twentieth Cumberland Combinatorial Conference, Emory University, Atlanta, Georgia (2007)

Extremal Problems for Cycles in Graphs, Extremal Graph Theory Workshop, Renyi Institute of Mathematics, Budapest, Hungary (2007)

Linear Forests, k -ordered, and Pancyclic Graphs, Conference on Graph Theory and Combinatorial Analysis 07 (GTCA07), Beijing, China (2007)

Minimum Degree and Edge Hamiltonian Digraphs, Special Session on Graph Theory at the Regional Meeting of the American Mathematical Society, Middle Tennessee State University, Murfreesboro, Tennessee (2007)

Saturation Numbers of Books, Special Session on Graph Theory at the National Winter Meeting of the American Mathematical Society, San Diego, California (2008)

Forbidden Subgraphs, Hamiltonian Properties and 2-Factors in Graphs, Workshop ZF60 for Zdeněk Ryjáček, Pavlov, Czech Republic (2008)

Forbidden Subgraphs and 2-Factors in Graphs, Twentyfirst Cumberland Combinatorial Conference, Vanderbilt University, Nashville, Tennessee, (2008)

Saturation Numbers, International Conference on Interdisciplinary Mathematical & Statistical Techniques,

University of Memphis, Memphis, Tennessee (2008)

Saturation Numbers, Special Session on Probabilistic and Extremal Graph Theory, Joint Meeting of the American Mathematical Society and Mathematical Society of Brazil, Rio de Janeiro, Brazil (2008)

Path Spectrum Sets, Minisymposium on Cycles and Paths in Graphs, SIAM Conference on Discrete Mathematics, University of Vermont, Burlington, Vermont (2008)

Saturation Numbers, Fete of Mathematics, Lovasz Conference, Keszthely, Hungary (2008)

Path Spectrum Sets, Special Session in Graph Theory, Regional Meeting of the American Mathematical Society, Huntsville, Alabama (2008)

Saturation Numbers for Forests, Special Session on Graph Theory at the Regional Meeting of the American Mathematical Society, Champaign - Urbana, Illinois (2009)

Presentations - Universities/Industry (refereed *)

COLLOQUIUM PRESENTATIONS

Subgroups of the Multiplicative Group of a Division Ring, Colloquium, Purdue University, West Lafayette, Indiana (1964)

Subgroups of the Multiplicative Group of a Field, Colloquium, University of California at Berkeley, Berkeley, California (1965)

Embedding Groups in Division Rings, Colloquium, University of Illinois at Urbana, Urbana, Illinois (1967)

Varieties of Groups, Colloquium Series, University of Cincinnati, Cincinnati, Ohio (1970)

Embedding Graphs in the Plane, Colloquium, Virginia Commonwealth University, Richmond, Virginia (1971)

Varieties of Groups, Memphis State University, Memphis, Tennessee (1971)

Genus of a Graph, Southwestern at Memphis, Memphis, Tennessee (1974)

Some Results on Ramsey Minimal Graphs, Cambridge Colloquium Series, U. of Cambridge, England. (1980)

Tree Ramsey Minimal Graphs, Colloquium, Univ. of Aberdeen, Aberdeen, Scotland (1980)

Some Results on the Size Ramsey Number, Univ. of Glasgow Colloquium Series, Glasgow, Scotland (1980)

Results on Generalized Ramsey Number, Univ. of Reading Colloquium Series, Reading, England (1980)

Theory of Generalized Ramsey Minimal Graphs, Mathematical Institute of the Hungarian Academy of Sciences, Budapest, Hungary (1981)

Neighborhood Conditions and Paths and Cycles in Graphs, Colloquium, Huazhong Normal University, Wuhan, China (1986)

Extremal Problems for Degree and Neighborhood Conditions, Colloquium, University of Louisville, Louisville, Kentucky (1987)

Path Pairable Graphs, Colloquium, Mathematical Institute, Hungarian Academy of Sciences, Budapest, Hungary (1990)

Graphs with a Pairing Property, Colloquium, Technical University of Braunschweig, Braunschweig, Germany (1991)

Networks Communicating for Each Pairing of Terminals, Colloquium, University of Twente, Enschede, Netherlands (1991)

Path Pairable Graphs, Colloquium, University of Aberdeen, Scotland *Networks and Path Pairable Graphs*, Colloquium, CNRS Laboratory, Orsay, France (1991)

Path Pairable Graphs, Colloquium, University of Malaya, Kuala Lumpur, Malaysia (1991)

Connectivity in Graphs, Colloquium, National University of Singapore, Singapore (1991)

Complete Stability Number of Graphs, Colloquium, National University of Singapore, Singapore (1991)

Networks Communicating for Each Pairing of Terminals, Colloquium, Australian National University, Canberra, Australia (1991)

Complete Closure of Graphs, Colloquium, University of Auckland, Auckland, New Zealand (1991)

Generalized Connectivity Conditions, Generalized Degrees and Hamiltonian Cycles, Ramsey Theory and Tur'an-Type (1991)

Extremal Theory, A series of six Colloquia, Free University of Berlin, Berlin, Germany (1992)

Monochromatic Trees in 2-Colored Graphs, Colloquium, North Dakota State University (1993)

Extremal Problems for Subgraph Density, Colloquium, North Dakota State University (1993)

Forbidden Subgraphs and Hamiltonian Properties, Colloquium, CNRS Laboratory, Orsay, France (1994)

Tur'an Theory and Ramsey Numbers, Colloquium, der Rhein.-Westf. Techn. Hochschule, Aachen, Germany (1994)

Complete Graphs with Large Degree Sums, Colloquium, University of West Virginia, Morgantown, West Virginia (1995)

Complete Graphs with Large Degree Sums, Colloquium, Georgia State University, Atlanta, Georgia (1996)

Balanced Subgraphs in Graphs, Colloquium, University of Twente, Enschede, The Netherlands (1996)

Anti-Ramsey Colorings in Several Rounds, Colloquium, Technical University of Cottbus, Cottbus, Germany (1998)

Anti-Ramsey Colorings in Several Rounds, Colloquium, University of Alaska, Fairbanks, Alaska (1999)

$\$2\$$ -Factors that Separate Edges, Colloquium, University of Alaska, Fairbanks, Alaska (1999)

Connectivity and Cycles in Graphs, Colloquium, University of Alaska, Fairbanks, Alaska (2002)

Generalizations of Pancyclic and k -ordered Graphs, Colloquium, University of Alaska, Fairbanks, Alaska (2004)

Generalizations of Pancyclic and k -ordered Graphs, Colloquium, Middle Tennessee State University, Murfreesboro, Tennessee (2004)

Problems in Graph Theory, Colloquium, Three Gorges University, Yichang, China (2004)

Generalizations of Pancyclic and k -Ordered Graphs, Colloquium, Fuzhou University, Fuzhou, China (2004)

Linear Forests, k -ordered, and Pancyclic Graphs, Colloquium, University of Illinois, Champaign (2006)

Monochromatic Cycles in Edge Colored Graphs and Chvat'al - Erdős Type Theorems, Colloquium, Tongji University, Shanghai, China (2007)

Monochromatic Cycles in Edge Colored Graphs and Chvat'al - Erdős Type Theorems, Colloquium, Central Normal University, Wuhan, China (2007)

Extremal Problems for Cycles in Graphs, Colloquium, Three Gorges University, Yichang, China (2007)

Other Presentations (refereed *)

CONTRIBUTED PAPERS

Ramsey Numbers for Paths and Cycles in Graph, Amer. Math. Soc. Meeting, Dallas, Texas, (with R. H. Schelp) (1973)

The Square of a Block is Strongly Path Connected, Amer. Math. Soc. Meeting, San Francisco, California, (with R. H. Schelp) (1974)

Ramsey Numbers for all Linear Forests, Amer. Math. Soc. Meeting, Washington, D.C., (with R. H. Schelp) (1975)

Ramsey Finite Graphs, Ninth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida, (with S. A. Burr, P. Erdős, R. H. Schelp) (1978)

On a Class of Degenerated Extremal Graph Problems, Amer. Math. Soc. Meeting, Cincinnati, Ohio, (with M. Simonovits) (1982)

Tree Ramsey Minimal Graphs, Thirteenth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida, (with J. Sheehan) (1982)

Ramsey Numbers Involving Sparse Graphs, Fourteenth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida, (with P. Erdős, C. C. Rousseau, R.H. Schelp) (1983)

On the Ramsey Number for the Five-Spoked Wheel, Fifteenth S.E. Conference on Combinatorics, Graph Theory, and Computing, Baton Rouge, Louisiana (with J. Sheehan) (1984)

Neighborhood Conditions and Edge Disjoint Hamiltonian Cycles, Eighteenth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida, (with R.J. Gould and R.H. Schelp) (1987)

Menger's Theorem for Short Paths, Second Carbondale Conference on Combinatorics, Carbondale, Ill., (M. S. Jacobson, R. H. Schelp) (1987)

Extremal Problems for Degree Sequences, Seventh Hungarian Colloquium on Finite and Infinite Sets, Eger, Hungary, (with S. A. Burr, P. Erdős, A. Gyarfás, and R. H. Schelp) (1987)

Cycles in Graphs without proper subgraphs of minimal degree 3, Eleventh British Combinatorics Conference, London, (with P. Erdős, A. Gyarfás, R. H. Schelp) (1987)

Graphs with an Ascending Subgraph Decomposition, Nineteenth S.E. Conference on Combinatorics, Graph Theory, and Computing, Baton Rouge, Louisiana, (with R. J. Gould, M. S. Jacobson, and L. Lesniak) (1988)

Menger Path Systems, Third Carbondale Conference on Combinatorics, Carbondale, Ill., (R. J. Gould and R. H. Schelp) (1988)

Ascending Subgraph Decompositions for Forests, Twentieth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida, (with R. J. Gould) (1989)

On Some Ramsey Type Problems Connected with Paths, Cycles and Trees, Twelfth British Combinatorics Conference, London, (with P. Erdős, R. H. Schelp and M. Simonovits) (1989)

Extremal Problems and the Diameter of Deleted Graphs, Twenty-First S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida, (with P.K. Card and C. M. Wong) (1990)

Extremal Problems for *Menger* Path Systems, Fourth Carbondale Conference on Combinatorics, Carbondale, Ill., (R. J. Gould and V. Rödl) (1990)

Grid Number of a Graph, Twentythird S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida. (1992)

Degree Sums, k -Factors and Hamiltonian Cycles in Graphs, Twentyfourth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida. (with Jan van den Heuvel) (1993)

Characterization of Forbidden Pairs of Graphs That Imply Hamiltonicity, Twentyfifth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida. (with Ron Gould) (1994)

Number of Cycle Lengths in Graphs with Minimum Degree and Large Girth, Twentysixth S.E. Conference on Combinatorics, Graph Theory, and Computing, Boca Raton, Florida. (with Paul Erdős, C. C. Rousseau, and R. H. Schelp) (1995)

Path Matchings in Graphs, Twentyseventh S.E. Conference on Combinatorics, Graph Theory, and Computing, Baton Rouge, (1996)

Edge Disjoint Monochromatic Triangles in 2-Colored Graphs, Nineteenth British Combinatorial Conference, University of Kent, Canterbury, England (1999)

SUPPORT

(External)

ACTIVITY	AGENCY/SOURCE	AMOUNT	PERIOD
Fellowship	National Science Foundation	\$20,000	1961-64
Research Grant GP-3990	National Science Foundation	????	1965
Research Grant GP-7029	National Science Foundation	????	1966
Scientist Exchange Graph (Hungary)	National Academy of Sciences	\$23,168	1981
Travel Grant (Hungary)	National Science Foundation	\$1,500	1984

Research Grant N00014-88-K-0070	Office of Naval Research	\$147,860	1987-90
Graduate Assistant Research Grant MDA 904-89-H-2036	National Security Agency	\$52,500	1989-1991
Exchange Scientist Grant (Hungary)	National Academy of Sciences	\$18,647	1990-91
Research Grant MDA 904-90-H-4034	National Security Agency	\$164,860	1990-93
Research Grant N00014-91-J-1085	Office of Naval Research	\$158,859	1990-1993
Urban Math. Collaborative 900-1511-1	Ford Foundation	\$42,000	1991-92
Exchange Grant (France) INT-9115870	National Science Foundation	\$22,692	1991-94
Research Grant N00014-94-J-1085	Office of Naval Research	\$181,285	1993-96
Research Grant N00014-96-J-1085	Office of Naval Research	\$119,230	1996-99

ACTIVITY	AGENCY/SOURCE	AMOUNT	PERIOD
Summer Research Grant	Memphis State University	\$5,000	1973
Summer Research Grant	Memphis State University	\$5,000	1974
Summer Research Grant	Memphis State University	\$5,000	1979

OUTREACH

PROJECT	PARTICIPANTS	PERIOD	SPONSORSHIP
Memphis Urban Mathematics Collobrative - Board Member	Representatives from community, school systems, and other universities	1990-96	Different Grants

UNIVERSITY	SERVICE COMMITTEE/ACTIVITY	PERIOD
University of Memphis	Library Self Study	
University of Memphis	Committee on Mathematics Branch Library	
University of Memphis	Academic Senate	
University of Memphis	Graduate Faculty Policies Committee	
University of Memphis	Graduate Council	
University of Memphis	Graduate School Reorganization	
University of Memphis	Screening Committee for Assoc. Vice Pres. for Graduate Studies and Research	
University of Memphis	Microcomputer Advisory Committee	
University of Memphis	Committee for the Development of a Software Institute	
University of Memphis	China Exchange Selection Committee	
University of Memphis	Search Committee for Dean of the College of Arts and Sciences (Chair)	
University of Memphis	Van Vleet Graduate Fellowship Selection Committee	
University of Memphis	Planning Document Advisory Committee	
University of Memphis	Walter Smith Book Award Selection Committee	
University of Memphis	Administrative Computer Conversion Committee	
University of Memphis	Provost Search Committee (Chair)	
University of Memphis	Roles and Rewards Task Force (CoChair)	
University of Memphis	Eminent Faculty Award Selection Committee (Chair)	
University of Memphis	University Director of Honors Search Committee (Chair)	
University of Memphis	University Technology Policy Committee	
University of Memphis	Provost Council	
University of Memphis	Administrative Council	
University of Memphis	Physical Facilities Planning Committee (A&S Chair)	
University of Memphis	Information Technology Task Force	
University of Memphis	Project Oversight Committee - Personnel	
University of Memphis	Dean of Libraries Search Committee (Chair)	
University of Memphis	Executive Council	
University of Memphis	Enrollment Management Council (Chair)	
University of Memphis	Vice President for Student Affairs Search Committee	

OTHER

SOCIETY/ORGANIZATION/JOURNAL	COMMITTEE/EDITORIAL BOARD/OFFICE	PERIOD
Council of Colleges of Arts and Sciences	Committee on Metropolitan Universities	1996-00
National Association of State Universities and Land Grant Colleges	Urban University Committee	1996-00
State of Tennessee P-16 Council	Member	2001-??
Memphis Bio-Tech Foundation (BIOWORKS)	Education committee member	2001-??
Cuimberland Mathematics Conference	Member of the board and one of the rotating chairs	1986-??
Journal of Graph Theory	Member of the Editorial Board	1983-??
Jouournal of Graph Theory	Managing Editor	1983-88
International Journal of Graph Theory	Member of the Editorial Board	1991-95
Zentrablatt fur Mathematik, Mathematical Reviews, National Science Foundation, National Security Agency, National Research Council	Reviewer of Research Proposals for these Agencies	1975-??
Applied Mathematics Letters, Ars. Combinatoria, Bulletin of Australian Mathematical Society, Combinatorica, Discrete Mathematics, European Journal of Combinatorics, Graphs and Combinatorics,	Referee for these Journals	1975- ????
Graphs and Combinatorics, Journal of Combinatorial Theory, Journal of Graph Theory, Journal of London Mathematical Society,	Referee for these Journal	1975- ????
Malaysian Math Journal, Mathematical Monthly, Networks, Proceedings of the AMS, SIAM J. of Applied Discrete Mathematics, Studia Mathematica, Transactions of the AMS, Utilitas Mathematica	Referee for these Journals	1974- ????
Utilitas Mathematica, Discuss. Math. (Graph Theory), Sinica Mathematica	Referee for these Journals	1975- ????
Memphis State University Combinatorics Conference	Organizer and/or Co-Director of this Meeting	1972
Regional Meeting of the American Mathematics Soc.	Co-Director and Organizer of this Meeting	1977
Second Cumberland Conference	Co-Director and Organizer of this Meeting	1989
Special Graph Theory Session of Regional Amer. Math. Soc. Meeting,	Co-Director and Organizer of this Meeting	1997
Drei Conference (DIMACS) at Rutgers,	Co-Director and Organizer of this Meeting	1998
Coloring Workshop in Budapest Hungary	Co-Director and Organizer of this Meeting	1998
Memphis Leadership Academy	Board of Trustees	2003- 2008
College Bound	President of Board	2006- ????
Tennessee Board of Regents	Presidential Council	
Tennessee Board of Regents	Academic Subcouncil (Chair)	
Tennessee Board of Regents	Vice Chancellor for Academic Affairs Screening Committee (Chair)	
Tennessee Board of Regents	RODP Oversight Committee	
Tennessee Board of Regents	Tenure and Promotion Review Committee	

Tennessee Board of Regents	Deleware/Kansas Compensation Committee	
NASULGC Academic Council	Member of Faculty Policies Committee (FPC)	2001- ????
NASULGC Academic Council	Chair of FPC	2007- ????
SACS Off-Site Review Teams	Member	2007
NASULGC Academic Affairs Council	Program Committee of Council	2007 - ????
SACS On-Site Review Team	Member	2008

Appendix A

Academic Year (please indicate year)	Course #	Course Name	Credit Hours	Percent Taught	Enroll	Labratory Supervised (S)/Instructed(I)	New Preparation (Y)/(N)
Fall 2001	MA 4-6041	Graph Theory	3	100	4		Y
Spring 2000	MA 4-6261	Abstract Algebra	3	100	20		
Fall 1999	MA 9000	Doctoral Dissertation	9	100	1		
Spring 1999	MA1181	Concepts of Numbers	3	100	80		
Spring 1999	MA9000	Doctoral Dissertation	9	100	1		
Fall 1998	MA 9000	Doctoral Dissertation	9	100	1		
Spring 1998	MA 9000	Doctoral Dissertation	9	100	1		
Spring 1998	MA 2321	Calculus II	4	100	38		N
Fall 1997	MA 9000	Doctoral Dissertation	9	100	1		
Spring 1997	MA 9000	Doctoral Dissertation	6				
Spring 1997	MA 1181	Concepts of Numbers	3	100	80		N
Fall 1996	MA 9000	Doctoral Dissertation	6				
Spring 1996	MA 9000	Doctoral Dissertation	6	100	1		
Spring 1996	MA 2701	Discrete Math	3	100	45		
Fall 1995	MA 9000	Doctoral Dissertation	6	100	1		
Spring 1995	MA 9000	Doctoral Dissertation	3	100	3		
Spring 1995	MA 2321	Calculus II	4	100	45		y
Spring 1995	MA 7236	Combinatorics	3	100	6		Y
Fall 1994	MA 9000	Doctoral Dissertation	3	100	3		
Fall 1994	MA 1321	Calculus I	4	100	38		
Fall 1994	MA 7237	Graph Theory	3	100	6		Y
Spring 1994	MA 9000	Doctoral Dissertation	9	100	1		

Spring 1994	MA 1402	Honors Mathematics II	4	100	8	Y
Spring 1994	MA 7237	Graph Theory	3	100	5	Y
Spring 1994	MA 8821	Ramsey Theory (Special Topics)	3	100	3	Y
Fall 1993	MA 9000	Doctoral Dissertation	3	100	1	
Fall 1993	MA 1401	Honors Mathematics I	4	100	7	Y
Fall 1993	MA8821	Claw-Free Graphs (Special Topics)	3	100	5	Y