Regular Meeting Board of Trustees

November 6, 2001

The Board of Trustees of the Arkansas Teacher Retirement System convened on Tuesday, November 6, 2001, at 8:30 a.m. The meeting was held in the ATRS Board Room, 1400 West Third, Little Rock, Arkansas.

Members of the Board Present:

Members of the Board Absent:

Linda Parsons, Chair
Charles Vondran, Vice Chair
Winfred Clardy
Hazel Coleman
Charles Dyer
Dr. Paul Fair
Jimmie Lou Fisher
John Fortenberry
Ann Harbison
Betty McGuire
Louis Midkiff
Frank White
Gus Wingfield

Mary Harris Ray Simon

Staff Present:

Bill Shirron, Executive Director
Angelo Coppola, Deputy Director
George Snyder, Chief Fiscal Officer
Gail Blair, Manager, Data Processing
Dena Dixson, Manager, Membership & Payroll
Tammy Medlock, Administrative Assistant
Michael Ray, Manager, Benefits & Counseling
Bernice Smith, Manager, Accounting
Barbara Waldrop, Manager, Preretirement Education

Others Present:

Randy Abner, Optdata, Inc.

Don Lewis, Optdata, Inc.

Lloyd Black, Arkansas Retired Teachers Association

Judith Kermans, Gabriel Roeder Smith & Company

Lenora Kwan, Watson Wyatt

Ed McKinney, Retiree

J. D. McGehee, Arkansas Retired Teachers Association

James McGuire, Guest of Betty McGuire

Jonelle Mitchell, Arkansas Retired Teachers Association

Etoza Mouser, Arkansas Retired Teachers Association

Brian Murphy, Gabriel Roeder Smith & Company

Others Present (cont'd):

Brian Poulous, Watson Wyatt

Don Roberts, Arkansas Retired Teachers Association
Joe Sweat, Arkansas Retired Teachers Association
Leonard Venable, Office of the State Treasurer

VII. Roll Call

The minutes were recorded by Tammy Medlock of the Teacher Retirement staff.

VIII. Minutes of September 10-11, 2001 and October 15, 2001

Ms. Fisher made a motion to adopt the minutes as presented. The motion carried.

IX. Adoption of Agenda

Mr. Shirron asked that Dr. Roberts comments be added under "Public Comments" of the agenda. Mrs. Coleman made a motion to adopt the agenda as amended. The motion carried

X. Next Regular Meeting Date(s)

The next regular meeting of the Board was tentatively scheduled for February 11-12, 2002.

XI. Public Comments on Agenda Items

Dr. Don Roberts, Arkansas Retired Teachers Association (ARTA)

Dr. Roberts stated ARTA has a request for the ATRS Board and Director to conduct an actuarial study on T-DROP within the next six months, preferably performed by an actuary not currently on retainer by ATRS.

Mr. Vondran made a motion that the Director arrange for an actuarial study of T-DROP to determine: 1) If the plan is cost-neutral to the system; and, 2) Whether the plan is, or is not, costing current and future retirees potential future benefits. The motion carried.

By common consent the board requested that Mr. Shirron receive Dr. Robert's concerns in writing. Mr. White suggested the actuary write the T-DROP study in layman's terms.

XII. Actuarial Valuation - Brian Murphy, Judith Kermans, Gabriel Roeder Smith & Co.

Ms. Kermans reviewed the valuation for retired lives, and Mr. Murphy reviewed the preliminary valuation for the active lives, for the period ending June 30, 2001. Mr. Murphy reported because the investment returns were below the assumed, the amortization period to fund accrued liabilities now exceeds 30 years. He stated even if the system earned 8% on a market value basis in the next few years, it would still not be enough to get the amortization below 30 years. He presented several alternatives to the Board for further consideration:

- Increase the contribution rate. An increase of ½% will bring the amortization period to exactly 30 years in 2001. More than ½% is likely to be needed in the future unless markets turn around.
- Perform an early experience study, reviewing matters related to the recent Watson Wyatt audit, which indicated one or more of GRS's assumptions may be too conservative.
- Delay the decision until the 2002 valuation is complete and review statutes carefully to ensure that this is permissible.

XIII. Actuarial Audit Conducted by Watson Wyatt Worldwide – Brian Poulous & Lenora Kwan

Mr. Poulous reported ATRS' current actuaries are doing a good job. Watson Wyatt's audit findings include the following:

- Economic assumptions are reasonable and consistent
- The assumption for inflation is conservative (Watson Wyatt considers it high)
- Demographic assumptions are reasonable
- Asset information agrees with the information contained in the Comprehensive Annual Financial Report
- Watson Wyatt materially agrees with GRS' results, using GRS' assumptions

Mr. Poulous stated their recommendations would include:

- GRS' inflation assumption rate of 4 4-1/2% is a little conservative. He suggested the Board might want to consider a 3 4% rate, which Watson Wyatt considers reasonable.
- Make sure that terminated vested life experience matches actual.

Mr. Murphy with GRS stated he would return to the Board with information showing how changing the inflation rate will affect the plan.

XIV. Investment Committee Report - Charles Vondran, Chair

Mr. Shirron distributed resumes of private sector parties interested in serving on the Real Estate Committee. Mr. Fortenberry made a motion to authorize the Investment Committee to choose members for the Real Estate Committee. The motion carried.

Mr. Shirron stated he has not received any responses to the RFP for the Real Estate Investment Manager, who will serve as chair of the Real Estate Committee. Mr. Midkiff made a motion to authorize the Investment Committee to interview candidates for this position and let the Board then confirm their selection. The motion carried. Mr. Shirron will research ATRS' taking out liability insurance for Real Estate Committee members.

Ms. Parsons appointed the chair of the Investment Committee and John Fortenberry to serve on the Screening Committee.

XV. Policies Committee Report - Dr. Paul Fair, Chair

Dr. Fair made a motion that the policy changes on pages 59-60 and page 61 of the September, 2001 board brochure be adopted as presented. The motion carried.

XVI. Teacher Retirement System Reports

A. Medical Board Summary Report - Michael Ray

Mr. Midkiff made a motion to approve the Medical Board reports as presented in the September board brochure on page 66. The motion carried.

Mr. Clardy made a motion to approve the Medical Board reports as presented on pages 29-30 of the November board brochure. The motion carried.

B. Personnel Report – Dr. Angelo Coppola

Mrs. Coleman made a motion to adopt the Personal reports for September and November as presented. The motion carried.

- C. Membership & Payroll Dr. Angelo Coppola
- D. Arkansas Related Investments George Snyder
- E. Investment Summaries George Snyder
- F. Financial Statements Bernice Smith
- G. Retirement Village & Victory Building Updates Dr. Angelo Coppola

Dr. Coppola reported ATRS has received 150 deposits for the retirement village to-date. By common consent the Board requested Mr. Shirron to get definite cost figures for the village. Dr. Coppola stated a representative from Retirement Communities of America will meet with the Board at the next meeting; possibly a called Board meeting in December, 2001.

Dr. Coppola reported ATRS has procured 50% signed leases for the Victory Building, along with several letters of intent.

XVII. New Business

XVIII. Executive Director's Comments

Mr. Dyer made a motion to adopt the following items in the meeting schedule as presented on page 46 of the brochure:

- ♦ The Board will meet every two months, beginning in February, 2002.
- ◆ The Investment Consultant will report at each and every regular meeting of the Board.
- Actuaries will report each November and February.

◆ Portfolio managers will submit performance reports to each board member on a quarterly basis (January, March, July, & October). Equity and fixed income managers should submit (at the minimum) the two-page report format required by the Board.

The motion carried.

Mr. Fortenberry made a motion the board adopt the following schedule for portfolio managers for a period of one year:

 Portfolio managers will not be required to report to the Board at regular meetings unless notified to do so by the Investment Consultant.

The motion did not carry.

By common consent the Board agreed that the second day of regular board meetings would convene at 9:00 a.m., rather than 8:30 a.m.

In other business:

NCTR Operation Uplift. Mr. Shirron reported the ATRS Board and staff had contributed \$500 to NCTR's Operation Uplift, which will provide a Thanksgiving dinner for the NY Teacher Retirement System staff. The New York TRS office is located seven blocks from the buildings that were devastated on September 11, 2001, and the office and staff members have suffered many hardships as a result.

New Membership System. Mr. Snyder reported ATRS' 20-year old member system, which stores retirement information for all active and retired members, is being re-written by Optdata, Inc. He indicated the project is expected to take up to two years at a cost of \$7 million.

Resolution Made Retroactive. Mr. Wingfield made a motion to make the resolution adopted in September for payment of board members' personal expenses be made retroactive to July 1, 2001. The motion carried.

Withholding on Death Benefits. With reference to page 34 in the brochure (letter written by John Peace), Mr. Shirron stated he would bring an insurance company in to talk to the board about a group life insurance policy. The Board will discuss the feasibility of ATRS holding such a policy, which will prevent beneficiaries from having to pay taxes on death benefits.

ATRS Budget Review. By common consent, the Board requested Mr. Shirron present ATRS' budget at the next regular meeting (February, 2002).

Legislative Committee. Ms. Parsons stated Legislative Committee members will be appointed at the next regular meeting (February, 2002).

As there was no further business to consider, Mrs. Coleman a motion to adjourn. The motion carried and the meeting adjourned at 12: 15 p.m.

Linda Parsons, Chair

Bill Shirron, Secretary to the Board

2-11-02 Date

Arkansas Teacher Retirement System Non-Traditional Investments As of September 30, 2001

Investment		Commitment		Contributi	Remaining				Currently	
				Draws	_%	Commitment	Distributed			Invested
Alternative Investments		(a)		(b)	(c)≠(b.4)	(d)=(x·b)		(e)	******	i(f≍ib-c)
21st Century	\$	25,000,000	\$	9,212,954	36.9%	\$ 15,787,046	\$	_	\$	9.212,954
Cinven		61,100,000		51,748,432	84.7%	9,351,568		825,240		50,923,192
Cypress		50,000,000		10,192,198	20.4%	39,807,802		-		10,192,198
DLJ Merchant Banking		200,000,000		61,191,626	30.6%	138,808,374		27,736,065		33.455.561
Doughty Hanson III		100,000,000		61,459,997	61.5%	38,540,003		1,017,150		60,442,847
HMTF III		75,000,000		72,454,260	96.6%	2,545,740		27,375,970		45.078.290
HMTF IV		100,000,000		89,209,147	89.2%	10,790,853		43,274,165		45,934,982
HMTF V		200,000,000		133,635,660	66.8%	66,364,340		19,285,889		114,349,771
Oak Hill		50,000,000		33,083,080	66.2%	16,916,920	•	2,784,747		30.298.333
Diamond State		2,000,000		1,000,000	50.0%	1,000,000		- ·		1,000,000
LJM2		30,000,000		7,400,112	24.7%	22,599,888		6,044,997		1,355,115
Doughty Hanson Tech		50,000,000		7,783,776	15.6%	42,216,224		1,552,435		6.231,341
DLJ Real Estate		100,000,000		24,194,110	24.2%	75,805,890		3,200,090		20,994,020
Doughty Hanson Real Estate		50.000,000		15,873,727	31.7%	34,126,273		269,426		15.604,301
Olympus _?		100,000,000		57,138,348	57.1%	42,861,652		14,398,033		42,740,315
Westbrook II		75.000,000		75,000,000	100.0%	_		80,212,413		(5.212,413)
Vestbrook III		100,000,000		100,000,000	100.0%	_		30,311,835		69,688,165
Westbrook IV		120,100,000		17,966,960	15.0%	102,133,040		1,020,523		16,946,437
Westbrook Co-invest		40,000,000	•	40,000,000	100.0%	~		5,207,415		34,792,585
Total Alternative Investments	_1	528,200,000		868,544,387	56.8%	659,655,613		64,516,393		604,027,993
Mezzanine								`		004,027,777
Blackstone		100,000,000		54,816,893	54.8%	45,183,107		2,047,030		53.7740.045
DLJ		80.000,000		30,308,467	37.9%	49,691,533		,		52,769,863
Fotal Mezzanine		180,000,000	<u>-</u>	· 85,125,360	47.3%	94,874,640		6,591,223	•——	23,717,244
Fimber - Wachovia		185,000,000		185,000,000	100.0%	× 7,074,040		8,638,253		76,487,107
				200,000	100.070		 _	-		185,000,000
Fotal Non-traditional	<u>\$ 1,</u>	893,200,000	\$ 1,	138,669,747	60.1%	\$ 754,530,253	\$ 2	73,154,646	\$	865,515,100

Notes:

Amounts shown in negative under 'Currently Invested' translate to distributions in excess of total investment in the fund.