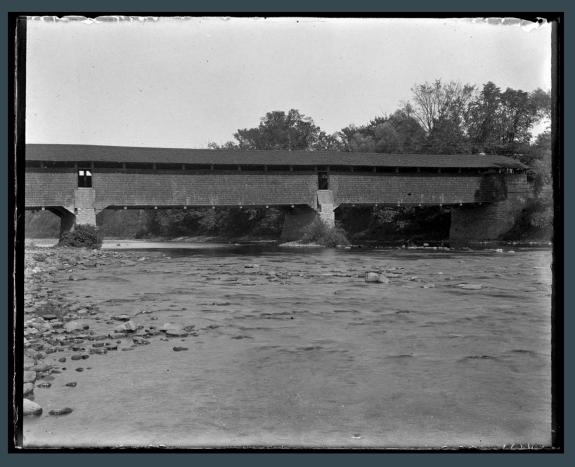
Preserving Historical Materials

Presentation at the Covered Bridge Summit 2022

Covered bridge image from M2010, Edward H. Stone collection



Covered bridge over East Canada Creek, 1899 October 3. Photograph by Thomas D'Arcy Lucus.

Agents of Deterioration (Canadian Conservation Institute)



- Thieves and vandals
- Fire

Water

- Pollutants
- Light, ultraviolet igodoland infrared
- Incorrect temperature
- Incorrect relative humidity
- Dissociation (neglect) lacksquare

Image from the University of Arizona, https://research.arizona.edu/stories/art-conservation-

Agents of Deterioration (Canadian Conservation Institute)



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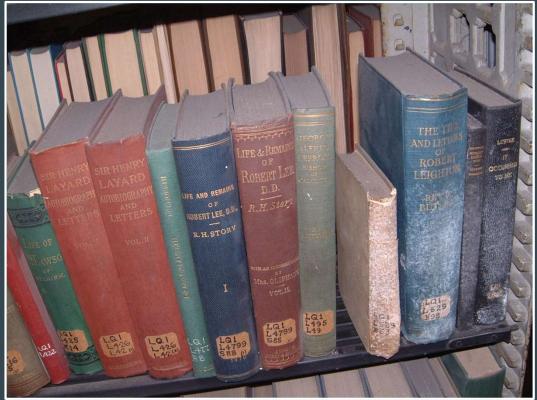
Temperature and relative humidity

- General recommendation:
 - RH 30-60%
 - Temperature 35-65°F
- Datalogger for long-term data gathering and analysis
- Dew Point Calculator (IPI) http://www.dpcalc.org/
- eClimateNotebook (IPI) <u>https://www.eclimatenotebook.com</u>

Click to Solve for: Temperature % RH C	Dew Point	Preservation Evaluation			
68 50	49	Type of Decay	Environment Rating		ervation Aetric
		Natural Aging	RISK	PI	44
	Î	Mechanical Damage	ОК	% EMC	9.3
		Mold Risk	GOOD	Days to Mold	No Risk
	1	Metal Corrosion	ОК	% EMC	9.3
		Record and Compare Values			
		T RH DP	PI Days	to Mold	EMC
Temperature Scale: O °F	€ 0 °C	Save Clear	Export		

Pests: Mold

- Result of high humidity or wet collection material
- Health hazard
- Additional training recommended for identification and treatment
- Some materials can be cleaned but mold spores will always be present and need to be controlled



Light

- Light (ultraviolet, infrared) damages materials
- Be aware of sources of UV and infrared light
- LED lighting
 - No UV
 - No infrared
 - Energy efficient





Preservation of Collections

Collections: Paper

Collections: Paper

Thermal transfer paper

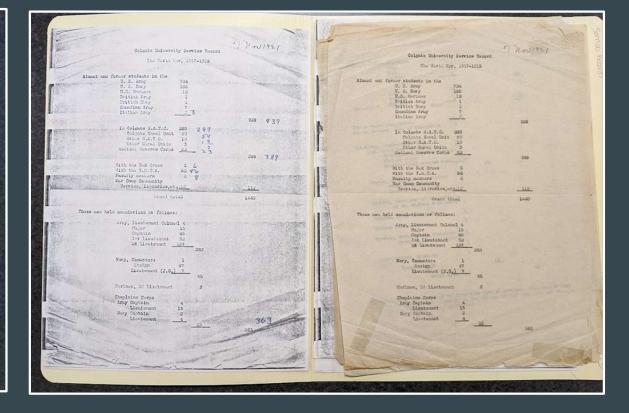
The large of Andy Kerr is unblacky makes with these of Lines: Phys. Marker, Ason Alone Starge, day Thorps, Erne Newerer, Ends, Traves and other Colgans All Americans, with Jon Links, Edde Antorney, Ture McLasphry, Darks Daugherry, and there dide to the matching descently on this years and of largens days.

Andy a Coljate teams load on all conners in the years of the intrough (14) and heat the large engagety of them. When it can find to retime at the mandatory age of 40. "the Canon Son of the Channager had mentered an its years recent of the wars, 50 haars and seven time. The has taken the double-wars (connaiss and polished it intra a thing of the basis taken the double-wars (atom and polished it intra a thing of the basis of a once attractate, precise and englosity).

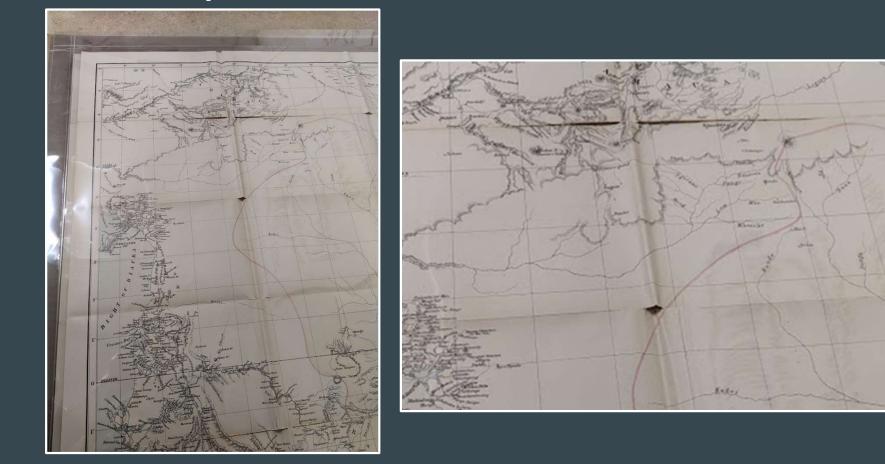
Which the double wring, he an imputibul a reconstraint of Constraints Dimension foundable trains that Colgans earch forms from Daker Tueld awent time a scheme. The hand surred lock the Red Balders wave and another gener scheme. The hand surred lock the Red Balders wave and another average and a correlate the . The deadlock wave posted in 1919, followed a year later by the ball-renger, a 20-17 schemy that was Columbia's first aptimum a Kere-constant scan, for, for that matter, against any Colgans into a new New Years opened in 1921.

Although soved perimarily for his allowance brininger, adapt votes one right up there with the best delawance coaches in the game. Columbia over correleves against Colgate from 1929 until the operating in 1940, its defense of the lines, it should be noted here that Andy's teams peaked a whopping total of 1, should, dramatized in 1952 when Colgate was unbeaten, until a superior laws.

Onion skin paper



Collections: Paper



Collections: Enemies of paper

<text></text>	Adhesive tape	Paper clips and staples	Glue
	Then had orner men nandely- te an so happy that you are to have stat has may not be from enjot for so long? Then have the style face stores point the next. If is qual the ele or you have have been been the help you blowings and then there of not by "non y it is have "(Ther was the just gave shows based you day, but it has shed with the) Have a guest day Cograhees this - test eaches. How All backs.	Image:	<section-header><section-header><section-header><section-header><section-header><section-header><text><text><text><text><text><text><text><text><text><text><text></text></text></text></text></text></text></text></text></text></text></text></section-header></section-header></section-header></section-header></section-header></section-header>

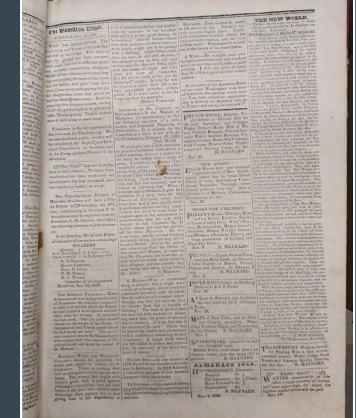
Collections: Storing paper

- Acid-free, lignin-free folders
- Archival boxes
- Store like-sized materials together
- Larger items should be stored flat

Collections: Newspaper







Collections: Photographic materials

Wear cotton or nitrile gloves when handling materials





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Collections: Storing photographs



Collections: Audio and video recordings





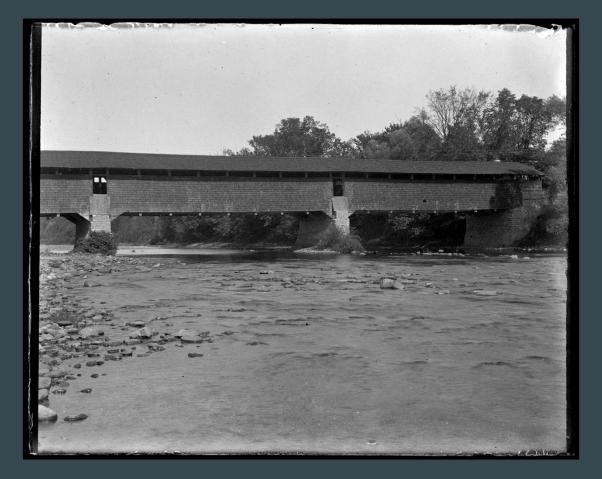


Digitization for access, and preservation?

Resources

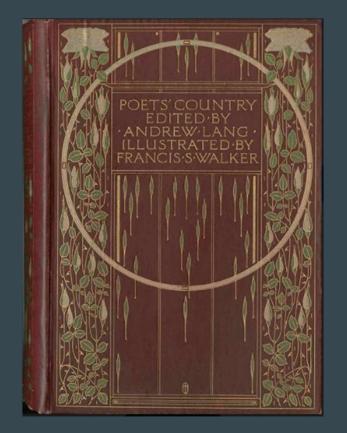
Northeast Document Conservation Center https://www.nedcc.org/ "Preservation 101: Preservation Basics for Paper and Media Collections" https://www.nedcc.org/preservation101/welcome American Institute for Conservation https://www.nedcc.org/preservation101/welcome American Institute for Conservation https://www.culturalheritage.org Connecting to Collections Care https://www.culturalheritage.org Image Permanence Institute https://www.imagepermanenceinstitute.org/ Documentary Heritage and Preservation Services for New York (DHPSNY) https://dhpsny.org/

Questions?



Brief introduction to Special Collections and University Archives, Colgate University

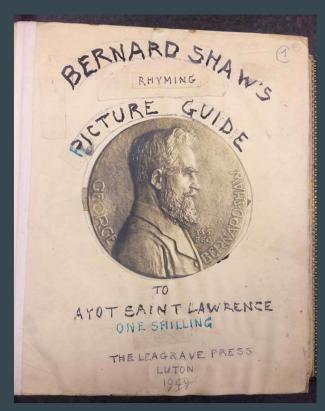
Rare Books and Manuscripts



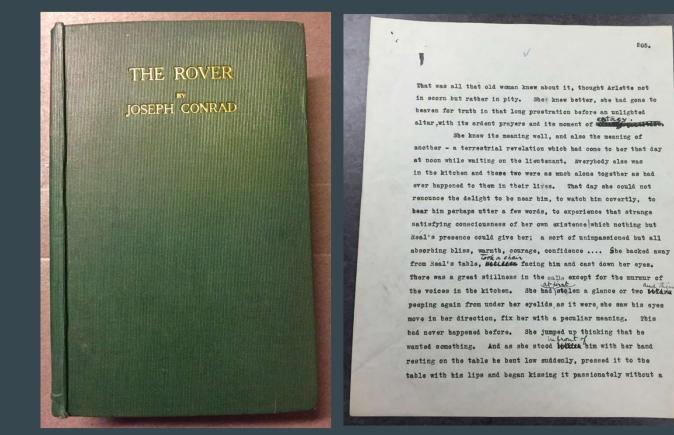




Literary Collections



Richard S. Weiner Collection of George Bernard Shaw, Mo100



Henry A. Colgate collection of Joseph Conrad, Mo101

205.

Historical Collections

Jan . 30 - 1934 THE WHITE HOUSE WASHINGTON to the lalgate Library -This is for the culture of the hibrary - from una who is also a collector of Americana hud an enthusisatic balismes in "bigger & batter" college toburis ! Funklin & Roosevele

Andrew J. Russell photographs of the American Civil War, M4013



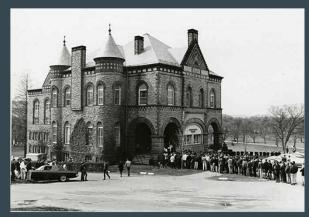
French Political Cartoon collection, M4007

Presidential letters collection, M4002

University Archives









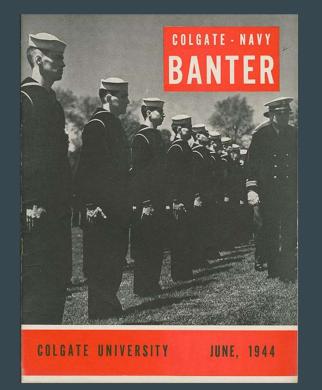




University Archives (continued)

Hamilton Sit & Theo. Veninary Aug. 4.1837-Ance my last date which is meally one month I have been here studying as usual with the exception of one week absence, which on account of ile health & worked at haying for Bro. Hayward. There have been some theider to break the dull monotony of things since my last date. An ant Marcay Societ was for used in the institution in the sarly part of the terms which was the second formed here. Though consisting of upwards of twenty men. hers a prospering, the faculty pronounced it a misainer & labored realously for its dissolution They wished to compet no one's conscience or restran liberty in any respect save this; the dr. city was notions to the best interests of the instetution & must be dissolved . Ames the individ wals composing it were presented with as soffi cial nequest to withdraw their names from the constitution within a field period of or as an alternative leave the intitution . The society, was dissolved , all with drawing their names execpt three . who left . 2 for Hamilton College

Isaac K. Brownson papers, A1065



The Colgate Banter, A1085

Wednesday, April 20, 1955

THE COLGATE MAROON

Quiz Bowlers Chozen Men Of The Week

by John Stewart '37 One of the most widely ac-claimed intercollegiate competi-tions to ever hit Colgate finally tome to an end April 9 as the College Quiz Bowl team lost a thrilling return match to Mt. Holyoke by a 240-200 score. The Colgate team was stationed in the NBC studios in Radio City, while the Mt. Holyoke girls broadcast from South Hadley, Mass. Mass.

The previous week the team, in their most outstanding perform ance, defeated Georgetown Uni ance, dereated Georgetown Cni-versity 325-55, one of the mast one-sided scores in Quiz Bowl history. This triumph, their fifth in a row, netted another \$500 check. Their grand total of \$2,500 will be donated to the li-brary building fund rary building fund.

All the fame and fortune that Colgate has accumulated over the past weeks can be credited to these four students. For their outstanding service to Colgate.

to these four students. For that the editors have selected Pau Schmidt 255, Jim Wachtel 355 Marty Heyert '56, and Peets Schmidt, and of his determined and select and the select of the Beek known for his participation in Masque and Triangle produc-tions. In fact, he has yet to miss one since entering Colgette Schmidt, majoring in lang-masque and Russian Studies, is best known for his participation in Masque and Triangle produc-with the aid of his political sel-minet service or teaching afformation to select and Schmidt Jinas to enter govern-ment service or teaching in chemis-try, has used this knowledge to answer many of the scientific selection of the science of a scholarship and program. The selection of the science of a more spin selection of the participation in Masque and Triangle produc-with the aid of his political sel-mical service or teaching afformation of the participation is completing radiants school. Wachtel, majoring in chemis-geography. He is studying in this scholarship and plans to study fine record for Colgate."

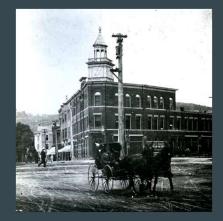
of Station WSYR.

Colgate student newspaper

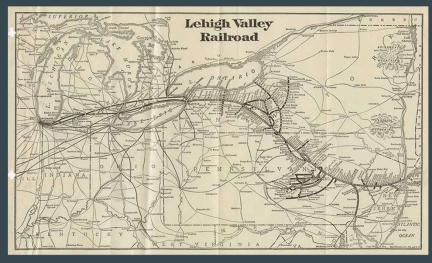


College Quiz Bowl Team is seen matching talents against Cornell. The panel include (I. to r.) Paul Schmidt, Peter Gould, Marty Heyert, Jim Wachtel, and Colgate's referce, Bob Whitney,

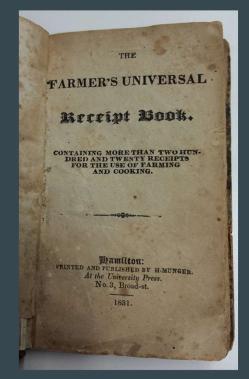
Local/Regional History Collections







Winfield W. Robinson railroad collection, M2026



The farmer's universal receipt book. Hamilton, [N. Y.]: H. Munger at the University Press, 1831

Hamilton history collection, M2046