

AND MRS. JOHN LEVERING CRAIG. of 700 Chelten avenue, will entertain at a ance at the Old York Road Country Club, in honor of their daughter, Miss Sus B. Craig, on Tuesday evening, January 5, at 8 o'clock.

Mr. and Mrs. Frederick Winslow Taylor, of "Boxly," Highland avenue, who have been at the Brighton Hotel, Atlantic City, since October and expected to go South shortly after the first of the year, have changed their plans, and will remain at Atlantic City Indefinitely.

Dr. and Mrs. John Cooke Hirst have returned to their home, 1823 Pine street, after an absence of several weeks. Dr. and Mrs. Hirst had intended visiting Panama and the West Indies, but owing to a severe storm which was ancountered off Cape Hatterns, decided to go no further than Havana. From there they returned to this city by rail, stopping at Palm Reach and other Southern resorts.

Though the good old custom of calling on New Year's Day has rather gone out of fashion, it seems as if society were about to start anew, and quite a number of our good old families will keep open house during the afternoon today. Among those who will receive informally will be Mr. and Mrs. James T. Halsey, of 107 South 22d street.

Mr. and Mrs. C. Colket Wilson will be at home in Paoli; receiving with them will be their son-in-law and daughter, the Rev. and Mrs. Caleb Cresson, Jr.

Mrs. Ephralm Brice, Miss Brice, C. Frederick Brice and Mr. and Mrs. Augustus Heaton, of 1830 Locust street, will also be at home, as will Mr. and Mrs. Edwin A. Fricke, of 134 West Upsal street, Germantown, and Dr. and Mrs. J. Lealie Dayls at 135 South 18th street.

Mr. and Mrs. Frederick Hemsley, of 2018 De Lancey place, and Mr. and Mrs. Quincey A. Gilmore, of 2131 Locust street, will give a large "the dansant" at the Bellevue-Stratford this afternoon. There will be no receiving party, and a large number of guests will

Mrs. Voorhees Drayton, of Elkins Park, will give a luncheon of 30 covers today. The guests will later attend the dancing tea at the Huntingdon Valley Country Club,

Mrs. Edward Troth's dancing class will meet this evening in the Germantown Cricket Club, and will be in the form of a bal masque. There will be no cotillon. Among the members who will be present are Miss LaF. Claxton, Miss Margaret Cruice, Miss Elizabeth L. H. Brewster, Miss Eleanor Noble, Miss Reba Duhring. Miss Dorothy Disston, Miss Mary Boyd, Miss Josephine Dodge, Miss Kathleen Denniston, Miss Leanora Denniston, Miss Margaret C. Fox, Miss Lois D. Field, Miss Dorothea Oberteuffer. Miss Elizabeth Dale Oberteuffer, Miss Frances S. Mears, Miss Louise Rodgers, Miss Isobel M. Rodgers, Miss Huberta Potter, Miss Katharine Potter, Miss Helena S. Robinson, Miss Isabel B. Stoughton, Miss Frances Stoughton, Miss Edith M. Smythe, Miss Lucia A. Warden, Miss Isabella Wadsworth, Miss Eleanor B. Watt, Miss Margaret E. Atlee, Miss May Butler, Miss Elinor J. Bean, Miss Eleanor Bispham, Miss Mary Ballard, Miss Lillie Crisfield, Miss Florence M. Dreer, Miss Louisa Gibbons Davis, Miss Katharine Davis, Miss Lillie Dunn, Miss Eleanor Gardiner, Miss Dorothy Foltz, Miss Margaretta W. Hobart, Miss Ethel Hastings, Miss Marie Lorimer, Miss Mildred Longstreth, Miss Elizabeth P. Dallas, Miss Edith L. Smith, Miss Florence Sheppard. Miss Anita Stetson, Miss Elizabeth MacCuen Smith, Miss Elaine English, Miss Evaline Taylor, Miss Marjorie Taylor, Miss Eleanor Wood, Miss Marion Brooks Snow; Miss Anna Le Conte Snow, Miss Elizabeth Grammer, Miss Caroline I. Brinton, Miss Anna B. Brinton, Miss Eleanor Porcher, Miss Blanche M. Patterson, Miss Emily Wagner, Miss Christine Rehn.

Mr. and Mrs. Randal Turner Van Pelt, of Sawickley, Pa., formerly of Chestnut Hill, are being congratulated on the birth of a daughter on December 27. Mrs. Van Pelt will be remembered as Miss Margaret Wells, of Pittsburg. Mr. Van Pelt is the son of Mr. and Mrs. Charles E. Van Pelt, of Wissahickon avenue and Allen Lane.

ALONG THE MAIN LINE

CYNWYD-The New Year was ushered in in quite the proper spirit last night at the Cynwyd clubhouse, when the members gave a delightful masquerade dance. Garlands of greens, entwined with poinsettins, were effectively swung between the tall lamps in the large clubroom and the walls were beautifully festooned with holly. White mistletoe was hung here and there about the room. The feature of the decorations, however, was centred around the balcony overlooking the clubroom, where in electric lights of red and green the words "Welcome 1915" shone out brightly in the midst of the greens festooning the balcony rail.

The colored electric lights about the rooms cast a weird and pretty light over the dancers in their varied and picturesque costumes, as with one spirit the members sped the old year and welcomed the new. Among those present were Mr. and Mrs. Wilbur P. Hamilton, Mr. and Mrs. S. deB. Keim, Mr. and Mrs. John H. Faunce, Mr. and Mrs. William B. Kraft, Mr. and Mrs. J. Randall Williams, Jr., Mr. and Mrs. Walter S. March, Mr. and Mrs. William K. Miller, Mr. and Mrs. Walter Addison Fox, Mr. and Mrs. Nathan Spering, Mr. and Mrs. Willfam C. Scheets, Mr. and Mrs. A. J. Christie, Miss. Elizabeth Christie, Miss Louise de la F. Ksefe, Miss Yvonne Fuguet Keefe, Miss Helen Pedrick, Miss Grace Vandiyer, the Misses Magoe. Walter H. March, Jr., Ralph Jones, Lodge Offver and Charles Malpass.

The club will hold open house today from d until 8 o'clock and in the afternoon there ell be music and afternoon tea.

2414-Mr. and Mrs. J. Samuel Stephenson gave fird party and dance last night to welcome the New Year. The house was attractively Taken with helly and other greens. Those out were Mr. and Mrs. Frederick C. New-4. Fr. Mr. and Mrs. William G. Ayres, Mr. Mrs. J. Charles Parry, Mr. and Mrs. Joseph aris, Mr and Mrs. Joseph Sullivan, Mr. Mrs. Balph Hinder, Mr. and Mrs. John Bleebach, Mr. and Mrs. Herbert J. Mr. and Mrs. William Allan, Mr. and Carso Rawlina, Mr. and Mrs. Stephen and Mrs. Maurice D. Long, Mr. he reserd Large, of Boston; Mr. and . Vitus, Mr. and Mrs. Percy A. We Mrn Frank Seppurger, Mr. and | Cathering Frie and Miss Merica Montgomery. | Month afterwood

Mrs. Philip Baker, Mr. and Mrs. Calvin G. Child, Miss Francis Weart and Alfred Wilkin-

Mrs. Edward Legge, of Boston, who, with Mr. Legge is spending the holidays with Mr. and Mrs. Stephenson, has had quite a few entertainments given in her honor. Miss Isadore Findelsen, of Frankford, who was one of Mrs. Legge's bridesmalds at her wedding last June, gave a luncheon in her honor Tuesday and tomorrow Miss Dorothy Houghton, of Fort Washington, will also entertain in honor of Mrs.

GERMANTOWN

A number of dinners preceded the New Year dance at "Manheim," the Germantown Cricket Club, last evening. One of the largest dinners was given at 8 o'clock by the committee. composed of the following men: Charles H. Welss, Jr., Edward W. Clark, 3d, Joseph Moore Shoemaker, J. Orne Godwin, W. Wesley Kurtz, Linton Matthews, Howard Holton, Sharpless Jones, Shelden Potter, J. Ross Pilling and William Paul O'Nelll. Among the guests were Miss Marion Sharpless, Miss Mildred Caverly, Miss Katharine Davis, Miss Isobel Stoughton, Miss Scott, Mrs. J. Ross Pilling, Mrs. William Paul O'Neill and James Monroe.

Dr. and Mrs. Walter F. Praul, of 5907 Greene street, are receiving congratulations on the birth of a daughter.

CHESTNUT HILL

The Philadelphia Cricket Club will have open house today. A buffet luncheon will be served to the members and their friends, followed by informal dancing.

John Ayling, of Syracuse, N. Y., has returned to his home, having spent Christmas as the guest of his flancee, Miss Mary Bishop Jones, and her family.

ALONG THE READING

Friends of Miss Olive May Wilson, daughter of Mr. and Mrs. S. H. Wilson, and well known as the "Santa Claus girl," will regret to learn that she has been ill at her home in Jenkintown with an attack of appendicitis. Miss Wilson is rapidly recovering, however, and will leave on Sunday for Virginia, where she will remain for a week.

Mrs. Thomas B. Baker and her little daughter, of Virginia, will shortly be the guests for several weeks of Mr. and Mrs. Charles E. Schwartz, of Jenkintown.

Mrs. Baker will be remembered as Miss Clara Schwartz before her marriage a year ago.

Mrs. Wood Robinson gave a kitchen shower, with cards in the afternoon, yesterday at her home in Oak Lane in honor of Miss Florence Nelson, whose marriage to Robert Allan Bucher, 3d, will take place on January 16. Among the guests present were Mrs. James Ackeroyd, Miss Jessie Goff, Miss Isabelle Gerhard, Miss Helen Knight, Miss Ethel de Groot, Miss Beatrice Brown, Miss Elizabeth Lyle, Miss Meta Weber, Miss Marie Benitz and Mrs. Ralph Patterson. This afternoon Miss Ella Tindall, of 1417 North 16th street, entertained with a bridge luncheon in Miss Nelson's honor, at which covers were

WEST PHILADELPHIA

Miss May Jacobs, of \$25 North 45th street, entertained at "500" yesterday afternoon, followed Helene Ball, Mrs. William Datz, Mrs. Leroy Walker, Mrs. Thomas Seward, Mrs. John Kiefer, Miss Katharine Schoffeld, Mrs. Percival Morris, Miss Crissic Subers, Miss Marie Froelich and Miss Genevieve Campbell.

Dr. and Mrs. William J. Stackhouse, of 755 North 40th street, announce the engagement of their daughter, Miss Alma Marie Stackhouse, to James Emmot Donaldson, of Tioga.

Miss Stackhouse will give a card party at her home tomorrow afternoon, in honor of her guest, Miss Dorothy Drinker, a student of the Bloomsburg Normal School, who is spending her vacation in this city, and who will return to her studies on Tuesday next. A pretty arrangement of roses and greenery will be used for the decorations. Among the guests who will be present are Miss Isabel Colesworthy, Miss Amy Fetter, Miss Emma Donaldson, Miss Frances Donaldson, Miss Millie Donaldson, Miss Kathryn Hookey, Miss Bessie Cuertin, Miss Beatrice Provost, Miss Babe Neillims, Miss Florence Sturm, Miss Grace Wade, Miss Mae Dawson, Miss Ida Peters, Miss Madeline Clark, Miss Ella Hall, Miss Ida Babe, Miss Florence Freed, Miss Mabelle Busler and Mrs. William K. Donaldson.

SOUTH PHILADELPHIA

Miss Helen R. Randell will leave Saturday for Detroit, Mich., where she will be the guest of Doctor and Mrs. Robert Caspari.

Miss Anne Harris, of 2513 South 20th street, is spending the holidays in Clarksburg, W. Va., as the guest of Miss Edith Newlon. She will remain until the middle of January.

NORTH PHILADELPHIA

Austin Carey, Jr., of 2807 Diamond street, entertained last evening at his home. His guests were Miss Beatrice Whiteside, Miss Lucy Cannon, Miss Dorothy Hood, Miss Anna Greenman, Miss Emma Greenman, Miss Ivy Hamilton, Miss Helen McNeil, Miss Billie Bachman, Miss Dora Bachman, Miss Marian Harris, Miss Helen Carey, Henry Hood, Robert Fretz, Franklin Fretz, Harry Fuller, William Frets, Christian MacKane, Williard Zahn- and Harry Jester.

Miss Marie Mees, of 3114 Diamond street, gave a card party and luncheon yesterday afternoon Pink rosebuds were used in the dainty and attractive decorations. The guests included Miss Mary Martin, Miss Elsle Geiser, Miss Anna Michaelson, Miss Kathryn Hunsicker, Miss Elikabeth Mathley, Miss Helen Mathieu, Miss Miriam Scholl, Miss Edna Paist, Miss Charlotte Lachlan, Miss Laura Lind, Miss Adeline Frostian, Miss Adella Michel, Miss Gracu Rudolph, Miss Mildred Lamor, Miss Charlotte Vare, Miss York, Miss Dorothy Finck. Miss Dorothy Morris, Miss Hazel Torrance, Miss Margarel Ragain, Miss Grace Smith, Miss Frances Maguire. Miss Entharine Smith, Aust Beatrice Carman, Miss Dorothy Sinclair, Miss Ella Dent's, Miss Kutharine Halterman, Miss Edith Wilkinson Mirs Lillian Essinger, Miss. Helpy Gerger, Miss Enthryn Mess. Mus Uranta neuburger, Mine Raisn Pry, Mice Elbis Robusts. Miss Dikes Burk, Miss Buth Taubet Miss



MISS MARY H. HAYS

Miss Hays is the daughter of Mr. and Mrs. Frank Allison Hays. Her marriage to John Cook Huber will take place next Wednesday night, at the home of the bride's parents, 6334 Sherwood road, Overbrook.



DARTIES may come and parties may go, but we go on forever (with due apologies) is quite a fitting quotation to apply to debutantes this season. Everything can be seen for the next 24 hours but time to rest, and surely after yesterday and today the "debs" will be likely to wish themselves as Rip Van Winkle. New Year's Day is always very popular for entertaining and the festivities will commence with a breakfast to be given by Mrs. Josephine de Telsseire Monges, who will entertain at the Acorn Club in honor of Miss Isabel Wurts Page, daughter of Mr. and Mrs. William Byrd Page, and Miss Mary Stewart Wurts, daughter of Mr. and Mrs. Charles Stewart Wurts. The guests will include Miss Anna Massey Heckscher, Miss Mary Frances Fisher, Miss Cordelia Biddle, Miss Mary Tyson Denkla, Miss Inez Lewis Drayton, Miss Marion E. Savage. Miss Hilda Tunis, Miss Jean C. Bullitt, Miss Caroline I. Brinton, Miss Elsa Reath, Miss Anna B. Brinton, Arthur Brock, Jr., George R. Foulk, Spencer Sergeant Large, Snowden Samuel, Benjamin C. Tilgman, Oliver Cromwell and William L. Saunders, 2d.

son Courtney, both of Keene House, which will open next week, will dance several specialty dances for the entertainment of the guests.

In the evening Mr. and Mrs. William J. Baird, of 812 Pine street, will give a large fancy dress dance in honor of Miss Mary Stuart Wurts, who is one of the most popular of the season's buds. The dance will be attended by the debutantes and younger dancing men. Dr. and Mrs. Joseph Leldy will entertain at

dinner before the dance in honor of Miss Ruth Coxe.

Several dinners will be given before the meeting of Mrs. Edward Troth's class at the Germantown Cricket Club. Mrs. William M. Longstreth, of Penn, and Knox streets, will entertain in honor of her daughter, Miss Mildred Long-

TIOGA

Mr. and Mrs. W. Crofton, of Venango and 18th streets, have gone to Virginia, to remain 10

Miss Grace A. Wade and Miss Anna M. Wade. of 1514 Westmoreland street, are visiting in Woodhaven, L. I., where they are the guests of Mr. and Mrs. Edgar Parker,

Mrs. William E. Hiltner, of West Venango street, will entertain at luncheon and cards on January 6.

Mr. and Mrs. Frederick J. Halterman, of 1826 Hunting Park avenue, were at home yesterday afternoon.

FRANKFORD

Mrs. William Bateman, of Asylum Heights, has as her guest over the holidays Mrs. F. Perry, of Omaha, Neb.

Mrs. Montayne, of Penn street, entertained the

members of her sewing circle at cards and supper yesterday afternoon. Mrs. William Gilbert, of Frankford avenue,

entertained a party over the week-end from Albany, N. Y., including Mr. and Mrs. Albert W. Murry, Mr. and Mrs. Henry Williams and Mr. and Mrs. Frank Crawford.

Mr. and Mrs. William Patterson of Holmesburg, are entertaining during the holidays in honor of Edgar Potts, a Princeton student, who is spending the holiday season at his home, The Elms, Pennypack Park.

Miss Inez Cartledge is the guest of Miss Mary Leak Patterson during the holidays.

CAMDEN AND VICINITY

Joseph Reeve and his stater, Miss Caroline Reave, of Virginia, are spending the helidays with their grandparents, Mr. and Mrs. Augustus. C. Reeve, at 3d and State streets.

Charles Thoten, of 527 Penn street, will return Sunday for a two weeks' holiday visit to his parents at Leavenworth, Kan-Miss Marie Movis, Miss Buth Carey and

Miss Marine Pyle will return to Syracuss University next week. Miss Minim Street, of Streadway and Ste-

were pirect, will enturine at hundred on Mat-



soms and she carried a shower bouquet of lilles of the valley and roses. After the ceremony the bridal couple left for an extended trip through the North.

The tulle veil was adorned with orange blos-

ADAMS-BRIGHT

Miss Loleta Bright, daughter of Mr. and Mrs. Paul Bright, and Carleton E. Adams, of Atlantic City, N. J., were married last night at 6 o'clock in Trinity Episcopal Church, Wilmington, by the rector, the Rev. Frederick M. Kirkus. About the chancel were decorations of Killarney roses and Christmas greens. The bride was given in marriage by her father and she was attended by Miss Edith Frederick as maid of honor. The bridesmaids were Miss Anne Cooper, of Camden, Del.; Miss Florence Sullivan, of Ashland, Wis.; Miss Helen Hayes and Miss Madeline Williamson. George Butz, of Wilmington, was the bridegroom's best man, and the ushers were William Bright and Paul Bright, Dr. Homer Silvers and Horace Imlay, of Atlantic City: Robert Miller, of Lancaster, Pa., and Frederick Hickman, of Atlantic City.

The bride was gowned in cream liberty satin, with trimmings of chantilly lace and pearls, and carried a bouquet of Bride roses and lilles of the valley.

The maid of honor wore pink taffeta veiled in white tulle, and carried pink Killarney roses. The bridesmaids wore pink charmouse, with trimmings of silver lace, and carried pink snapdragons and sunburst roses. Following the ceremony a reception was held in the Rose Room of the Hotel du Pont, with about 175 guests in attendance. A buffet supper was served. Mr. and Mrs. Adams left on a wedding trip and after March 1 they will be at home at the Surry Apartments, Ventnor, N. J. The Brights lived in Wilmington until recently and since then they have been living in Atlantic City. The bride is a Vassar College girl.

WATSON-CLUGSTON

William J. Watson and Miss Mary D. Clugston were quietly married at Calvary Presby terian Church, of Wyncoie, yesterday afternoon, at 1:30 o'clock. The Rev. Dr. William Barnes Lower, pastor of the church, officiated. The young couple are both residents of Germantown, where their parents live. Mr. Watson is employed with one of the leading firms of the city. They will live at 6041 Ogontz avenue. Germantown.

LANSDOWNE

A party was given last night at the home of Miss Myrle Peck and Wilson Peck, of 107 Lansdowns court. Those present included Miss Ethel Bishop, Miss Miriam Montileus, Miss Margaret Hannum, Miss Edith Bonsall, Miss Helen McCoach, Miss Margaret Lyster, Miss Mildred Taylor, Miss Ruth Peck, Miss Lilian Bloodsworth, Miss Cathrine Bloodsworth, Miss Cora McCulley, Miss Ruth Palmer, Miss Gene Hartman, Miss Ethel Gilbert, Edward Hendrickson, Frederick Milliken, Robert Steele, Herbart English, Lincoln Gilbert, Nelson Lyster, Graham Elders, Hugh Hasson, Alfred Brown, Leslie Taylor and Walter Sanders.

WILMINGTON

One of the largest dances of the season was the New Year's Eve dance given at the New Century Club by the Friday Night Dancing Class last night. As usual a number of dinners preceded the dance. Among those who enter-tained were Mr. and Mrs. Horace Lindsay for their guest, Miss Bliner Bliner, of Hagiand; Miss Henrietta Stadelman, Miss Louiss Nowlands, Mr. and Mrs. Deborne Curtis Purdy, for their daughter, Miss Mary Purty, and Mr. and Mrs. Frank L. De Armond, for bliss Marjorie

Colonel and Mrs. Edition to Ruskner will be at liame, as is their custom, raise from 2 cats

BEST THOUGHT OF AMERICA

Digest of the Magazines

(1) Science-"The National Academies and the Progress of Research."

(2) Everybody's-"What You and I Owe to England, France, Russia and Germany," (3) Scientific American-"The War, Industrial Research and the Manufacturer." (4) Good Housekeeping-"The Balanced

Ration." (5) Ladies' World - "Shall We Eat

Drugged Foods?" (6) Metropolitan-"Scientific War."

SCIENCE

SCIENCE in its application to the affairs of the man in the street is a favorite subject, not alone in the popular magazines, which have come to recognize science as a popular subject, but also in the technical magazines, which not so long ago were entirely given over to the most abstract and theoretical discussions and prob-Jems.

The practical value of the research work of the scientist to the public is also the keynote of the convention of more than 2000 scientists being held here this week. As Dr. Charles Eliot, their newly elected president, put it in his inaugural address:

"We may have wondered at the labors of the entomologist who patiently counted the spots upon the wings of the mosquito; but it was that very thing which led to the discovery that deadly fever was carried by the mos-quito, a discovery whose value in the saving of life cannot be overestimated." The term scientist no longer suggests

stoopshouldered eccentrics buried deep in the dust and abstractions of their laboratories. In every walk in life, from scientific business administration to sanitary barber shops, progressive men are applying the principles of science to their trades and professions and discovering new worlds of efficiency and economy.

The number of popularized scientific magazines testifies to increasing interest in science and discovery. The pure food and sanitation departments, conducted in the women's magazines by men most prominent in those lines, shows not only a growing interest among women, but also the eagerness of the men of science to reach the public with their message.

An article addressed primarily to scientists in one of their technical weeklies, on "The National Academies and the Progress of Research" (1), which begins by tracing the development of European academies of science, emphasizes the practical possibilities of relating science to government, to industry, and our life generally. Dr. G. E. Hale, of the Mt. Wilson Solar Observatory, writes:

"Many great firms are establishing large re-search laboratories, where problems of all kinds are investigated. The development within the last few years of the Taylor efficiency sys-tem is another indication that the advantages of scientific methods are being grasped and applied. * * * The national academies would do well to devise ways and means of con-vincing, not only the large manufacturer, but the small manufacturer as well, of the in-dustrial importance of scientific research. Lec-tures on recent advances in engineering by European and American leaders should have European and American leaders should have a powerful influence. Parsons on the steam turbine, Marconi on wireless telegraphy, Goethals on the Panama Canal. * * We have a long way to go before any single manufacturing firm employs 700 qualified chemists as the combined chemical factories of Eiberfeld, Ludwigshafen and Treptow do. The supremacy in this field of Germany, which produced chemicals valued at \$3,750,000,000 in 1907, is due to the carefully directed research of an army of chemists who learned their methods of investigation in the universities and technical schools."

The Scientific German

William Hard describes in interesting demany has reached and maintained her "supremacy in this field," in a delightful article. "What You and I Owe to England, France, Russia and Germany" (2):

"It is hateful to make international com-parisons in science. Science is the fellowship of all humanity in the search after such truth parisons in science. as God permits us to know about His human world. In the goal sought, in the means used and in the nature of the advances made science is a unit, superinternational.

"An acquaintance of mine made an inven-tion, a highly technical one, which turned out to be commercially very important. He went to be commercially very important. He went to bankers in America, England and Germany. "In America the purpose of the bankers was purely financial. The question was, 'If we issue stocks and bonds on this proposition, what is the market for them, and how can we

get out?"
"In England my friend was charmed. The bankers he met belonged to the class of persons immortalized by Barehot "spending half their time washing their whole persons." They bathed and did a bit of business, and did a bit of tennis and bathed and were fresh-cheeked and fresh-minded and civilized. But at the end of two weeks their conception of the technical scope of the new invention was limited—very limited. You may say that my friend didn't find the right bankers. Well, in Germany the bankers found him.

"He hadn't been in his hotel in Berlin 24

"He hadn't been in his hotel in Berlin 24 "He hadn't been in his hotel in Berlin 24 hours when he was waited on by a person who introduced himself as representative of a certain banking institution—one of the largest. And in what capacity?' inquired my friend. It's said the strange person, 'am a chemist. Yes, a chemist, au academic, professorial chemist, professing industrial chemistry. In 20 minutes, for the first time on either side of the Atlantic, my friend got his invention and its scope completely understood by a member of the regular working staff of a bank. "And what was the next step? 'We will put member of the regular working staff of a bank.

"And what was the next step? "We will put so much money into this proposition, and we will keep it there. And we will give you commercial advice straight along from so and so in our organization, and technical advice from so and so. We conclude that your invention has such and such possibilities. We will cooperate with you in developing these possibilities, commercial and scientific.' Now how can such co-operation be dismissed as 'all very well for autocratic, militaristic Germany, but quite impossible for us? What is there militaristic about it? Or autocratio?" taristic about it? Or autocration"

The moral of this story quite transcends the scientific or financial or any other one phase of German civilization, and belps explain how Germany holds her own so efficiently in fighting almost all the rest of the world.

In an editorial on "The War, Industrial Research and the American Manufacturer, the Scientific American takes as a text (3):

"Edison's remarkable achievement in equipping a plant which would supply him with the carbolic acid required in the making of phonograph records, and hitherto imported from Europe, which has raised a very pertinent question. Why can't other manufacturers do likewise? To be sure, all manufacturers are not Edisons. On the other hand, they can lay their problems before research scientists, who, for a comparatively small outlay, can davise processes which ought to render many an American absolutely independent of Europe." Have You a Little Science in Your Home?

Dr. Harvey W. Wilsy, in "The Balanced Rution" (4) insists on the importance of actual food values, and of adjusting the Indicidual's diet to his activities and needs. The average must of 160 pumple objected a

his habits needs a less quantity. The tarm 'dry food' does not mean that the food is to be dried, but the quantity of food in the day'd ration in addition to the water which it contains."

Lewis B. Allyn, famous as the originator of the Westfield Pure Food Movement, gives very definite instruction for housewives in

"Shall We Eat Drugged Food?" He writes (5): "The Food and Drug Act is not a pure food law; it is rather an honest label law. If you read on a jar of jam, Prepared with enetenth of 1 per cent. of benzonte of sodium, send it back; This molasses contains sulphur dioxide,' refuse it; This lime juice contains salicylic acid,' These Marascimo cherries are preserved with sulfurous acid,' deny them a place in your pure food pantry."

The practical and commercial results of such articles are quietly attested in a cocoa advertisement on the same page which reads: "s has always met the Government pure food standards. It meets, too, the West-field standard of pure foods, and also Doctor Wiley's."

Putting One Over on Mars

The harnessing of science has not been limited to such humble pursuits as domestic science and industrial research, however. An article on "Scientific War" (6) is additionally interesting in that it is by H. G. Wells, who wrote ten years ago, in the midst of peace. with such uncanny vividness about Wars of Worlds. Considering the noveities this war has produced, as distinguished from its predecessors, he writes:

predecessors, he writes:

'In the first place, it is a petrol war. For the first time war has been fought over a country so highly civilized as to possess abundant good roads. No doubt German foresight provided great stores of petrol for a three months' war, but the war still goes on, conquest fades from the German dream, and the Germans have used petrol beyond measuring for transport, for Zeppellins, for those remarkable incendiary bombs that flared through the streets of Antwerp, for every conceivable purpose. There are no German sources of petrol. Only from America and Rumania, so that it may be possible for the United States and Rumania presently to turn off this war as one turns off a gas-jet.

'The next most remarkable aspect of this war is the fact that compulsory military service, combined with the telephone, the telegraph and the modern facilities of transport has practically abolished the 'civilian'. Entire populations are fighting now, and fighting with a disregard for the ancient amenities of warfare for which the German scientific conception of permissible pressure and strategems is directly responsible.

"And then come the actual machines."

And then come the actual machines. . . . "And then come the actual machines." "
They are indeed a species of military juggernaut; one figures the little soldiers about
them, hauling them forward to perform their
wonders very much like the servitors of a
new religion. These things are, indeed,
strangely like gods, squatting, gaping, deathsending gods, to which men have given their
souls."

ARCADIA MINOR

Path of grassy slate beneath old maples; Comely four-square houses white and green; Lanterns swinging on the pillared porches; Spire across the branched Common seen;

Meadows falling to the Silding River; Mountains in the westward dimly blue;
Pine woods hanging on the northern turnpiks;
Wheatfields spreading to the southward
view:—
Oh, to see the sun rise on the vailey!

Oh, to hear the pine woods murmur when, Rising as it blows, the showery west wind Sweeps the thunder from the darkened gienf

Now in April are the wet sods turning;
Deep in thickets do the windflowers gleam;
Oh, to stray again in the lost woodland!
Miserere! Leave me to my dream.
—Sarah N. Cleghorn in Everyhody's.

AMUSEMENTS

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Afternoons 1, 2:30 and 4—10s and 15c.
Evenings 7, 8:30 and 10—10s, 15c. 25c.
Last Times. Engagement Ends Saturday
MOTION PICTURES OF
THE EUROPEAN WAR
BEGINNING MONDAY, JAN. 4 A Stupendous Production of HALL CAINE'S MASTERPIECE

The CHRISTIAN Twice Daily-Afternoons, 2:80; Evenings, 5:30
Preceded by Keystone Comedy Pictures

"Self-Building" Demonstration Lesson

by Silas S. Neff, Ph. D. in which he will show how the awakening of latent powers and higher development are accomplished and as a result greater success achieved. Thursday, January 7th, 5 P. M., at Neff College, 1730 Chestnut Street. Complimentary Tickets on Application.

FORREST Holiday Mat. Today Klaw & Erlanger's BEN-HUR Prices 50c, \$1, \$1.50 NO HIGHER, Beats GARRICK Holiday Mat. Today POTASH & PERLMUTTER

BROAD Holiday Mat. Today Miss BILLIE BURKE IN JERRY

B. F. KEITH'S THEATRE FIRST MATINEE ALLS P. M. Red Tickels Only NIGHT

PALACE THEATRE CONTINUOUS VAUDEVILLE 11 TO 11

John Emerson is "THE CONSPIRACT."

STANLEY Daniel Frommer 14 No 11 Notice STANLEY Daniel Frommer Presents MARY PICKPURE 14 No 11 No

GLOBE OPPOSITE WANAMARCH'S SEATS RESERVED VAUGUSTE 11:50 OF THE WANAMARCH'S SEATS RESERVED WEEK IN ADVANCE MCCormick & Irving, Treat's Seels Colors. PHILADELPHIA Today Tomor, at a Sciolari OBCAR SEANIE SEANI

GRAND Continuous Show 1 to 11 P.M. Seer Bill of the Sasson CROSS KEYS Theatre A STATISTA VAUDEVILLE AND MOTION PLOTURES Dally at \$, 10c: Nightly, 7 and \$, 10c. 10c. Pro-PROGRAM CHANGED MONDAY AND THUMEDAY

GRAND CHARL JOSEPH BOND TOTAL STREET LITTLE | Brigo Willow Man Promutes THEATER TO B De Labour

LYRIC New Year's Mat. Today ADELPHI-New Year's Mat Today TORE COLLANS "SUZI" TOR MULAUSTRA

DUMONTA

EMPIRE GINGER COME